## Model 1

**1. Choose the correct answer.**

1. The opposite two lines are ________

   A. intersecting  B. parallel

   C. perpendicular  D. intersecting and perpendicular.

2. $3\frac{2}{10} = 3\frac{__}{100}$

   A. 2,000  B. 200  C. 20  D. 2

3. Which of the following is a unit fraction ?

   A. $\frac{2}{3}$  B. $\frac{1}{5}$  C. $\frac{3}{7}$  D. $1\frac{1}{5}$

4. Fifty hundredths = ________

   A. 5,000  B. 0.05  C. 0.5  D. 5.05

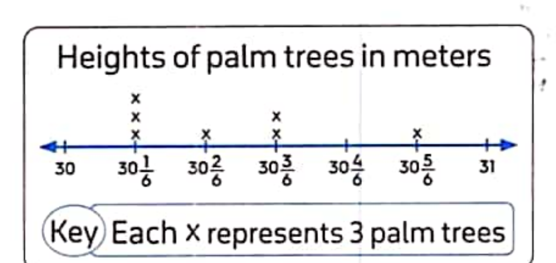
5. The scalene triangle has ________ equal sides.

   A. 0  B. 1  C. 2  D. 3

6. Which of the following fractions is equivalent to 1 ?

   A. $\frac{2}{7}$  B. $1\frac{5}{7}$  C. $\frac{7}{2}$  D. $\frac{7}{7}$

7. The opposite line plot represents the heights of some palm trees in meters. , then the number of all the palm trees in this graph is ________




   A. 7  B. 14

   C. 21  D. 70

**2. Complete.**

1. 24 tenths = ________

2. $\frac{20}{25} = \frac{__}{5}$

3. The place value of the digit 0 in the number 10.62 is ________

4. The measure of an ________ angle is less than the measure of a right angle.

5. The numerator of the fraction $\frac{3}{7}$ is ..........

6. The value of the digit 6 in the number 3.26 is ..........

7. $3 + 0.03 + 0.3 =$ ..........

8. $2\frac{1}{6} =$ .......... (as an improper fraction)

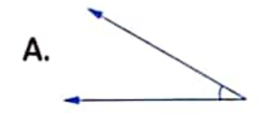
**3. Choose the correct answer.**

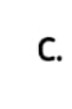
1. $\frac{73}{10} =$ .......... (as a mixed number)
   A. $70\frac{3}{10}$ B. $10\frac{3}{7}$ C. $7\frac{3}{10}$ D. $7\frac{1}{7}$

2. $\frac{2}{10} =$ .......... (as a decimal)
   A. 1.2 B. 2.1 C. 0.2 D. 0.22

3. The name of the figure L ———— M is ..........
   A. $\overleftrightarrow{LM}$ B. $\overrightarrow{LM}$ C. $\overline{LM}$ D. $\overrightarrow{ML}$

4. Which figure shows a right angle?

A. 

B. 

C.

D.

5. The opposite triangle is .......... triangle.
   A. an acute B. an obtuse
   C. a right D. an equilateral

6. A parallelogram has ..........
   A. 4 right angles. B. 4 equal sides.
   C. 1 pair of parallel sides. D. 2 pairs of parallel sides.



7.  =  ..........
   A. $\frac{2}{4}$ B. $\frac{4}{4}$ C. $\frac{5}{4}$ D. $\frac{3}{4}$

**4. Answer the following questions.**

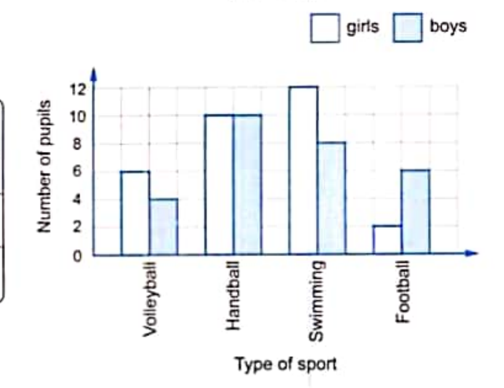
1. a. $3\frac{2}{5} - 2\frac{1}{5} =$ .......... | b. $2\frac{4}{7} + 1\frac{3}{7} =$ .......... | c. $2\frac{1}{10} + \frac{1}{100} =$ ..........

2. Draw an angle of measure 110°

3. Order the following fractions in an ascending order:

$\frac{2}{5}$ , $\frac{2}{9}$ , $\frac{2}{3}$ , $\frac{2}{10}$ , $\frac{2}{4}$

4. By using the opposite graph, answer the following questions:




a. Complete the table.

| Sport / Pupils | Volleyball | Handball | Swimming | Football |
|---|---|---|---|---|
| Boys | 4 | ...... | ...... | ...... |
| Girls | ...... | ...... | ...... | 2 |

b. How many boys prefer swimming?

c. How many girls prefer volleyball?

## Model 2

**1. Choose the correct answer.**

1. The value of the digit 5 in the number 7.45 is ..........

A. 5 B. 0.5 C. 0.05 D. 50

2. The fraction $\frac{5}{12}$ makes an angle of measure ..........

A. 90° B. 150° C. 210° D. 300°

3. .......... angle measures between 90° and 180°

A. An acute B. An obtuse C. A right D. A straight

4. $3\frac{2}{5}$ = .......... (as an improper fraction)

A. $\frac{17}{3}$ B. $\frac{17}{5}$ C. $\frac{32}{5}$ D. $\frac{32}{3}$

5. Which of the following fractions is greater than 1?

A. $\frac{4}{5}$ B. $\frac{5}{8}$ C. $\frac{7}{5}$ D. $\frac{9}{10}$

6. The following data show the heights of 20 pupils in class 4/A in centimeters

| 110 | 111 | 109 | 108 | 100 | 101 | 103 | 105 | 103 | 104 |
|---|---|---|---|---|---|---|---|---|---|
| 102 | 100 | 103 | 105 | 110 | 104 | 106 | 100 | 109 | 103 |

What is the suitable method of representing this data?

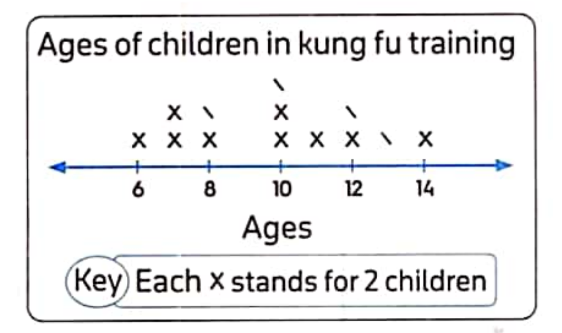
A. line plot B. bar line C. double bar line

7. $4 + \frac{4}{3} =$ ..........

A. $4\frac{1}{3}$  B. $\frac{16}{4}$  C. $\frac{12}{3}$  D. $5\frac{1}{3}$

## 2. Complete.

1. 2.3 = .......... tenths.
2. $\frac{6}{7} \times \frac{3}{3} =$ ..........
3. $\frac{1}{2}$ of a circle measured .......... °
4. By using the opposite line plot, the number of children whose ages are 10 years old is ..........




5. $3\frac{3}{100} =$ .......... (as a decimal)
6. $\frac{2}{10} + \frac{5}{100} =$ ..........
7. The square has .......... right angles.
8. The .......... triangle has no equal sides.

## 3. Choose the correct answer.

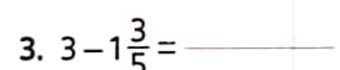
1. The digit 4 in 15.42 is in .......... place.

A. ones  B. tens  C. tenths  D. hundredths

2. The suitable decimal of the figure is ..........

A. 0.5  B. 0.05

C. 5.05  D. 0.7



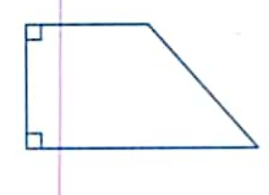
3. $3 - 1\frac{3}{5} =$ ..........

A. $3\frac{1}{5}$  B. $2\frac{3}{5}$  C. $\frac{2}{5}$  D. $1\frac{2}{5}$

4. A .......... has a vary measuring angles with only one pair of parallel sides.

A. parallelogram  B. square  C. trapezium  D. rhombus

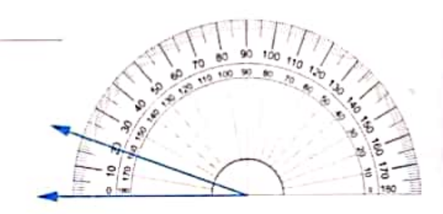
5. How many right angles are there in the opposite figure?



A. 0  B. 1

C. 2  D. 3

6. The opposite figure shows an angle with measure ______



A. 20°  B. 160°

C. 180°  D. 0°

7. Which is a measure of an acute angle ?

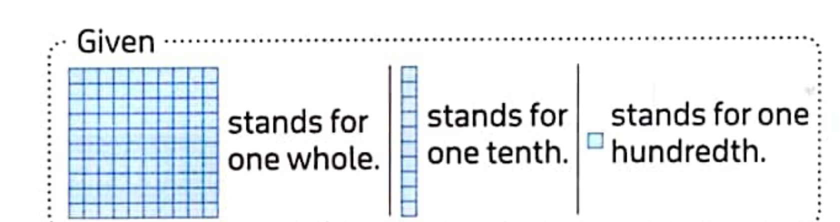
A. 40°  B. 90°  C. 120°  D. 180°

## 4. Answer the following questions.

1. a. $1 + 2\frac{1}{3} + 2 + 1\frac{1}{3} =$ ______  b. $7\frac{4}{7} - 5\frac{3}{7} =$ ______

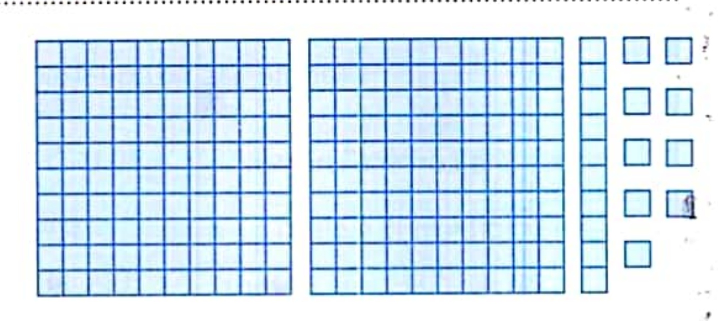
2. Mathew has 18 apples. Two thirds of the apples are red. How many apples are red ?

3. Using the opposite model , answer each of the following.



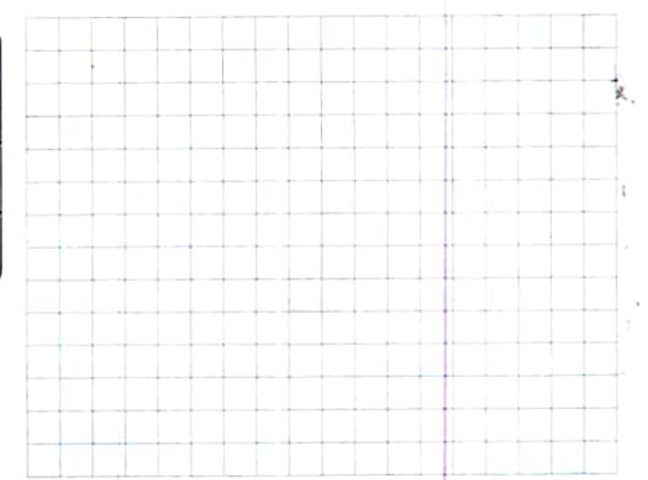

a. Standard form : ______

b. Word form : ______



4. **The following data show the number of hours that Ayman and Nora study in 6 days. Represent this data by using a double bar graph.**

| Day / Name | Sat. | Sun. | Mon. | Tue. | Wed. | Thu. |
|---|---|---|---|---|---|---|
| Ayman | 3 | $4\frac{1}{2}$ | 3 | $4\frac{1}{2}$ | $3\frac{1}{2}$ | 2 |
| Nora | 4 | 5 | $2\frac{1}{2}$ | 5 | $4\frac{1}{2}$ | 3 |



# Model 3

## 1. Choose the correct answer.

1. Which of the following is NOT true ?

A. $\frac{5}{15} = \frac{1}{3}$ B. $\frac{1}{6} = \frac{3}{18}$ C. $\frac{7}{8} = \frac{8}{17}$ D. $\frac{3}{3} = \frac{4}{4}$

2. Which fraction is equivalent to 0.3 ?

A. $\frac{30}{10}$ B. $\frac{3}{100}$ C. $\frac{3}{10}$ D. $\frac{300}{100}$

3. $\frac{2}{10} + \frac{3}{100} = \frac{___}{100}$

A. 23 B. 5 C. 32 D. 50

4. Which type of graph is suitable for the following table ?

| Subject | Math | English | Arabic | Science | Art |
|---|---|---|---|---|---|
| Hany | 20 | 19 | 15 | 18 | 17 |
| Mona | 17 | 20 | 19 | 20 | 15 |

A. Double bar graph. B. Line plot.

C. Bar graph.

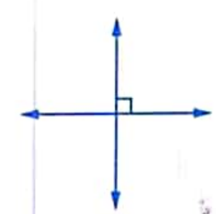
5. An obtuse angle is ________ a right angle.

A. less than B. greater than C. equal D. half

6. All the right triangles has ________ acute angles.

A. 0 B. 1 C. 2 D. 3

7. The opposite two lines are ________



A. perpendicular. B. parallel.

C. intersecting and not perpendicular.

D. not intersecting.

## 2. Complete.

1. $3.2 = 3 +$ ________

2. $3\frac{1}{5} =$ ________ (as an improper fraction)

3. $\frac{8}{10} = \frac{4}{__}$

4. $7\frac{7}{9} - 4\frac{4}{9} =$ ________

5. The rectangle has ________ right angles.

6. 7 Ones , 4 Hundredths and 2 Tenths = ____________

7. 3.4 = ____________ [as an improper fraction]

8. 2.02 = ____________ [as a mixed number]

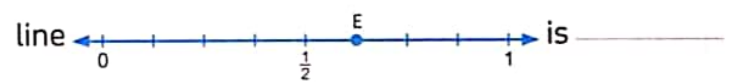
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## 3. Choose the correct answer.

1. Which of the following can be represented by a line plot ?

A. Our favorite movie. B. Our heights.

C. Our favorite animal. D. Our favorite food.

2. The fraction which represents letter E on the following number line 

is ____________

A. $\frac{5}{7}$ B. $\frac{5}{8}$ C. $\frac{5}{6}$ D. $\frac{5}{5}$

3. 3 + 0.2 + 0.01 = ____________

A. 0.321 B. 12.3 C. 3.12 D. 3.21

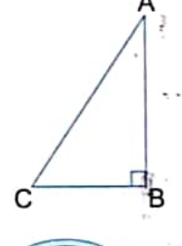
4. Which is the best description of ∠ ACB ?

A
C B

A. a right angle B. a straight angle

C. an acute angle D. an obtuse angle

5. The angle which represents the colored part equals ____________



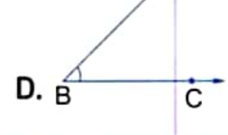
A. 90° B. 120°

C. 60° D. 180°

6. ____________ is an acute angle.

A. 70° B. 90° C. 120° D. 179°

7. Which shape shows a ray ?

A. A B B. A B C. A B D. 


---

## 4. Answer the following questions.

1. There are 10 beanbags, four of them are blue. What part of the group of beanbags are blue ? [Write fraction and decimal]

2. Draw a circle around the numbers that equals to 6 ones and 42 hundredths.

60.42 , 6.42 , 6 + 0.40 + 0.02 , 4.26 , 42.6

3. Complete the table.

| Model | Fraction | Unit fraction | Equation to form the fraction |
|---|---|---|---|
| a. | ____ | ____ | ____ |
| b. | $\frac{5}{6}$ | ____ | ____ |

4. The following data shows the internet usage for four friends. The data are given to the nearest $\frac{1}{4}$ of hour. Use the following table to complete the bar graph , then answer the questions.

| Name | Samer | Amira | Islam | Enas |
|---|---|---|---|---|
| Number of hours | $\frac{3}{4}$ | $2\frac{1}{4}$ | $1\frac{1}{2}$ | 2 |



a. Who used the internet the most time ?

b. Who used the internet the least time ?

c. What is the difference between Enas and Samer ?



## Model 4

1. Choose the correct answer.

1. $2\frac{7}{10}$ = ________ (as a decimal)

A. 0.27 B. 2.7 C. 0.027 D. 7.2

2. Which of the following angles is an obtuse angle ?

A. 70° B. 90° C. 50° D. 120°

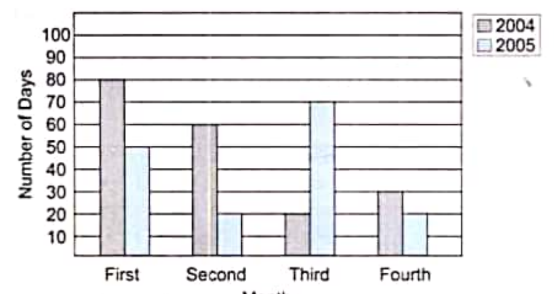
3. which of the following is an improper fraction ?

A. $3\frac{1}{5}$ B. $\frac{4}{9}$ C. $\frac{1}{6}$ D. $\frac{4}{3}$

4. 0.7 = ________

A. $\frac{10}{7}$ B. $\frac{100}{7}$ C. $\frac{7}{100}$ D. $\frac{7}{10}$

5. This double bar graph compares the total number of days students were absent over two academic years. Which month has the greatest difference in the number of days?




A. The first month. B. The second month.

C. The third month. D. The fourth month.

6. Which of the following can not be represented by a line plot?

A. The number of our family members.

B. Our shoe sizes.

C. Distances between homes and school.

D. Our favorite activity in our spare time.

7. The right triangle has ______ right angles.

A. 0 B. 1 C. 2 D. 3

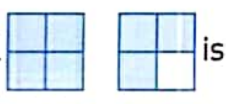
## 2. Complete.

1. $\frac{2}{3} = \frac{}{9}$

2. 2.4 = ______ tenths.

3. Five and five hundredths = ______

4. The value of the digit 3 in the number 4.53 is ______

5. The improper fraction which represents the model  is ______

6. $\frac{21}{5}$ = ______ (as a mixed number)

7. 60.57 = ______ + ______ + ______ (in expanded form)

8. The number of the unit fractions of the fraction $\frac{8}{9}$ is ______

## 3. Choose the correct answer.

1. The opposite two lines are ______

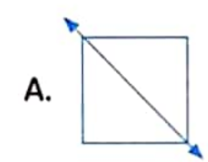
A. parallel B. perpendicular

C. intersecting D. not intersecting

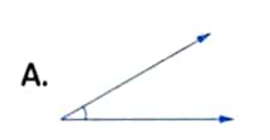
2. $\frac{7}{9}$ ◯ $\frac{5}{9}$

A. > B. = C. <

3. All the following figures show a line of symmetry except ............

A. 
B.
C.
D.

4. Which figure shows an acute angle ?

A. 
B.
C.
D. 

5. All the equilateral triangles has ............ equal sides.

A. 0 B. 1 C. 2 D. 3

6. A trapezium has ............

A. 4 equal sides.
B. 4 right angles.
C. 1 pair of parallel sides.
D. 2 pairs of parallel sides.

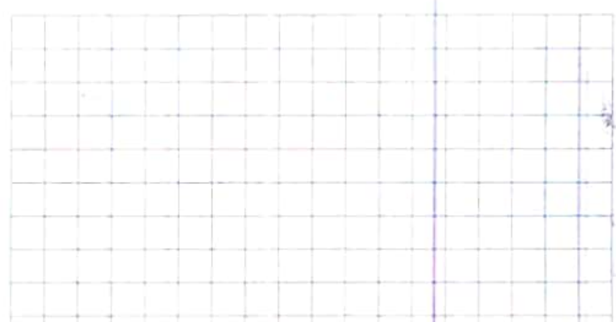
7. Which of the following fractions is less than 1 ?

A. $\frac{7}{4}$ B. $\frac{4}{7}$ C. $\frac{7}{7}$ D. $1\frac{3}{7}$

**4. Answer the following questions.**

1. Draw ∠ ABC with measure 80°
2. Find the perimeter of a square of side length $1\frac{1}{4}$ m.
3. Giovanni ate 0.7 of his food, his brother Mathew ate $\frac{9}{10}$ of his food, if they have the same amount of food. Who ate more ?
4. **The following data shows the walking distances to the nearest $\frac{1}{4}$ kilometer of four friends in two different days.**

| Name / Day | Nada | Nader | Hady | Sally |
| --- | --- | --- | --- | --- |
| First day | $1\frac{1}{2}$ | $\frac{3}{4}$ | $2\frac{3}{4}$ | 2 |
| Second day | $1\frac{3}{4}$ | 1 | $1\frac{1}{4}$ | $2\frac{1}{2}$ |



Represent this data by using a double bar graph, then answer the following questions.

a. Who walked the longest distance in first day ?

b. Who walked the shortest distance in second day ?

## Model 5

**1. Choose the correct answer.**

1. $3\frac{7}{10}$ is equivalent to ..........

   A. 0.37    B. 3.07    C. 3.70    D. 37

2. $\frac{6}{16}$ = ..........

   A. $\frac{2}{4}$    B. $\frac{12}{30}$    C. $\frac{6}{6}$    D. $\frac{3}{8}$

3. Which of the following fractions is the greatest ?

   A. $\frac{2}{7}$    B. $\frac{3}{7}$    C. $\frac{5}{7}$    D. $\frac{7}{7}$

4. In the number 325.41 , which digit is in the Hundredth place ?

   A. 1    B. 2    C. 3    D. 4

5. The scalene triangle has .......... equal sides.

   A. 0    B. 1    C. 2    D. 3

6. Which type of graphs is suitable for this data ?

| Name | Ahmed | Nora | Sally | Ola |
|---|---|---|---|---|
| Age | 13 | 17 | 15 | 10 |

   A. double bar graph.

   B. line plot.    C. bar graph.

7. The opposite figure is named as ..........




   A. $\overrightarrow{AB}$    B. $\overline{AC}$    C. $\overleftrightarrow{AC}$    D. $\overrightarrow{AC}$

---

**2. Complete.**

1. $2\frac{3}{10} + 4\frac{5}{100} =$ .......... (as a mixed number)
2. $5 = \frac{\quad}{10}$
3. 0.75 is equivalent to .......... (as a fraction)
4. $4\frac{5}{6} +$ .......... $= 6\frac{5}{6}$
5. The two lines ⟋⟋ are ..........
6. An .......... angle is greater than a right angle and smaller than a straight angle.
7. The opposite figure is .......... triangle according to its sides.



8. The angle which its measure equal 90° is .......... angle.

**3. Choose the correct answer.**

1. A fraction in which the numerator is greater than or equal the denominator is called ______

   A. a proper fraction.  B. a mixed number.

   C. an unit fraction.  D. an improper fraction.

2. $2\frac{4}{7} + 1\frac{1}{7} =$ ______

   A. $3\frac{6}{7}$  B. $1\frac{5}{7}$  C. $3\frac{5}{7}$  D. $1\frac{3}{7}$

3. Which choice shows the fractions in a descending order?

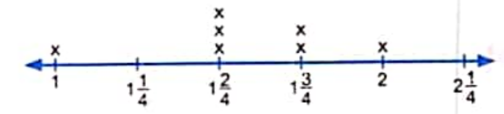
   A. $\frac{3}{10}$ , $\frac{3}{9}$ , $\frac{3}{7}$ , $\frac{3}{5}$ , $\frac{3}{3}$  B. $\frac{3}{5}$ , $\frac{3}{7}$ , $\frac{3}{9}$ , $\frac{3}{10}$ , $\frac{3}{3}$

   C. $\frac{3}{3}$ , $\frac{3}{5}$ , $\frac{3}{7}$ , $\frac{3}{9}$ , $\frac{3}{10}$  D. $\frac{3}{3}$ , $\frac{3}{10}$ , $\frac{3}{9}$ , $\frac{3}{7}$ , $\frac{3}{5}$

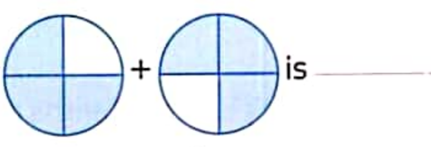
4. The place value of the digit 3 in the number 2.53 is ______

   A. Ones.  B. Tens.  C. Tenths.  D. Hundredths.

5. The most occurred number in the opposite line plot is ______

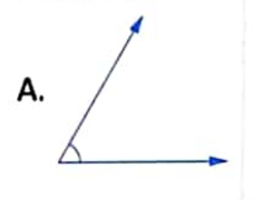



   A. $2\frac{1}{4}$  B. 2  C. $1\frac{3}{4}$  D. $1\frac{2}{4}$

6. The fraction which represents  is ______

   A. $\frac{3}{4}$  B. $\frac{5}{4}$  C. $\frac{6}{4}$  D. $\frac{7}{4}$

7. Which of the following is an obtuse angle?

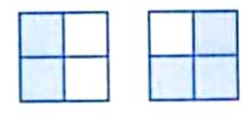
   A.   B.

   C.  D.

**4. Answer the following questions.**

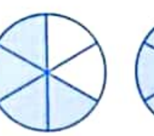
1. There are 15 birds on a tree $\frac{3}{5}$ of them flew away. What is the number of birds that flew away?

2. Write the following fractions in the form of improper fraction and mixed number.

a. 

Improper is ________

Mixed is ________

b. 

Improper is ________

Mixed is ________

3. Find the result of each of the following.

a. $3\frac{2}{5} + 1\frac{4}{5} =$ ________

b. $3\frac{4}{7} - 1\frac{3}{7} =$ ________

c. $4 \times \frac{1}{9} =$ ________

d. $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} =$ ________

4. Use your ruler to connect the dots to draw.

a. A right angle.

b. A rectangle.






## Model 6

1. Choose the correct answer.

1. In the number 21.45 , which digit is in the Tenths place ?

   A. 2 B. 1 C. 4 D. 5

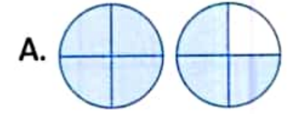
2. $\frac{21}{5} =$ ________ [as a mixed number]

   A. $5\frac{1}{4}$ B. $4\frac{1}{5}$ C. $2\frac{1}{5}$ D. $\frac{5}{21}$

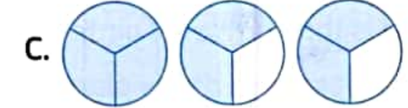
3. Which of the following is not equivalent to $1\frac{10}{100}$ ?

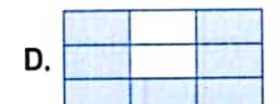
   A. 1.1 B. 1.10 C. 1.01 D. $1\frac{1}{10}$

4. The correct model which represents the improper fraction $\frac{7}{6}$ is ________

A. 

B. 

C. 

D. 

5. Which of the following sentences is wrong ?

A. $\frac{1}{3} > \frac{1}{4}$ B. $\frac{1}{4} > \frac{1}{5}$ C. $\frac{1}{5} < \frac{1}{6}$ D. $\frac{1}{8} < \frac{1}{7}$

6. Which of the following can not be represented by a line plot ?

A. The number of family members. B. Distance between home and school.

C. Our shoe sizes. D. Our favorite activity in our spare time.

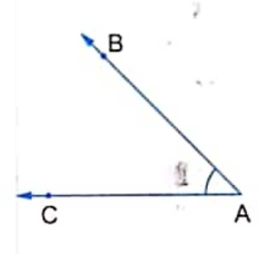
7. The rhombus has ________ equal sides.

A. 0 B. 1 C. 2 D. 4

---

**2. Complete.**

1. $\frac{3}{10} + \frac{5}{100} =$ ________
2. If $\frac{X}{4} = \frac{2}{8}$, then X = ________
3. The expanded form of two and fifty hundredths is ________
4. $\frac{9}{__} = 1$
5. 7.9 = ________ tenths.
6. $\frac{2}{5} \times \frac{3}{3} =$ ________
7. The name of the opposite angle is ∠ ________




8. The two lines ⟷ are ________

---

**3. Choose the correct answer.**

1. The opposite triangle is ________ triangle.

A. an acute B. an obtuse

C. a right D. a straight

2. The ________ has 4 right angles and 4 equal sides.

A. triangle B. parallelogram C. rectangle D. square

3. All the acute triangles have ________ acute angles.

A. 0 B. 1 C. 2 D. 3

4. How many obtuse angles are there in the opposite figure ?



A. 1 B. 2 C. 3 D. 4

5. Which of the following angles is not an acute angle?

A. 70°　B. 50°　C. 95°　D. 30°

6. $7 \times \frac{1}{11} =$ ..........

A. $7\frac{1}{11}$　B. $\frac{7}{11}$　C. $\frac{71}{11}$　D. $\frac{72}{10}$

7. $\frac{5}{7} = \frac{1}{7} + \frac{2}{7} +$ ..........

A. $\frac{1}{7}$　B. $\frac{2}{7}$　C. $\frac{3}{7}$　D. $\frac{4}{7}$

**4. Answer the following questions.**

**1. Write the required forms for the decimal number 3.27**

a. Word form: ..........

b. Unit form: ..........

c. Expanded form: ..........

2. Draw an angle with measure 115°

..........

..........

..........

**3. Arrange each of the following from least to greatest.**

a. $\frac{5}{10}$ , $\frac{1}{6}$ , $\frac{8}{9}$

b. $\frac{11}{12}$ , $\frac{1}{9}$ , $\frac{2}{4}$

..........

..........

**4. Use the following data to make a line plot, then answer the questions.**

11 kg , $12\frac{1}{4}$ kg , $11\frac{3}{4}$ kg , $11\frac{1}{2}$ kg , 12 kg , $11\frac{1}{2}$ kg , $11\frac{1}{4}$ kg , $11\frac{1}{4}$ kg , $11\frac{1}{2}$ kg , 12 kg

a. What is the most common record?

b. What is the least common record?

# Model 7

## 1. Choose the correct answer.

1. $\frac{2}{5} \times \frac{3}{3} =$ ..........

   A. $\frac{5}{8}$ B. $\frac{6}{5}$ C. $\frac{2}{15}$ D. $\frac{2}{5}$

2. $3 - 1\frac{3}{5} =$ ..........

   A. $2\frac{3}{5}$ B. $1\frac{2}{5}$ C. $2\frac{1}{5}$ D. $4\frac{3}{5}$

3. The decimal which represents the opposite shape is ..........

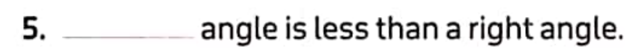
   A. 0.04 B. 0.40

   C. 0.6 D. 0.60



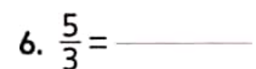
4. $\frac{5}{7}$ ◯ $\frac{1}{2}$

   A. > B. = C. <



5. .......... angle is less than a right angle.

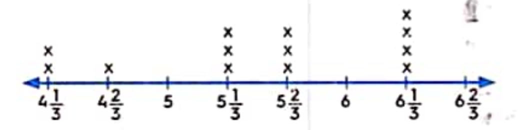
   A. An acute B. A right C. An obtuse D. A straight



6. $\frac{5}{3} =$ ..........

   A. $1\frac{3}{5}$ B. $1\frac{2}{5}$ C. $2\frac{1}{3}$ D. $1\frac{2}{3}$

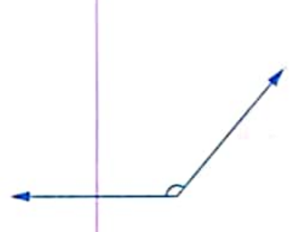
7. The number which is the most repeated is ..........

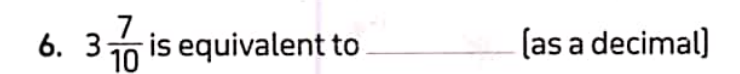



   A. $4\frac{1}{3}$ B. $5\frac{1}{3}$ C. $5\frac{2}{3}$ D. $6\frac{1}{3}$

## 2. Complete.

1. The unit form of 4.52 is ..........
2. 5.2 = .......... hundredths.
3. $\frac{5}{15} = \frac{15}{\ldots}$
4. There are .......... unit fractions that form seven tenths.
5. The opposite figure shows .......... angle.





6. $3\frac{7}{10}$ is equivalent to .......... (as a decimal)

7. The model ▭ represents ............ (as a fraction)
8. The place value of the digits 5 in the number 37.56 is ............

### 3. Choose the correct answer.

1. Which of the following can be represented by a double bar graph ?
   A. Sleeping hours every night.
   B. Favorite food.
   C. Maximum and minimum temperatures in different cities.
   D. Length of 5 things on your desk.
2. $3 + 0.3 + 0.03 =$ ............
   A. 333 B. 33.3 C. 0.333 D. 3.33
3. $4 \times \frac{1}{7} =$ ............
   A. $\frac{41}{7}$ B. $4\frac{1}{7}$ C. $\frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7}$ D. $1\frac{4}{7}$
4. The two lines are ............
   A. parallel B. perpendicular
   C. intersecting D. intersecting and not perpendicular.
5. The opposite triangle is ............ triangle.
   A. a right B. an acute
   C. an obtuse D. an equilateral
6. The rectangle has ............
   A. 4 equal sides. B. 4 parallel sides.
   C. 4 right angles. D. 2 obtuse angles and 2 acute angles.
7. The angle which its measure equals 170° is ............ angle.
   A. an acute B. an obtuse C. a right D. a straight

### 4. Answer the following questions.

1. Samir painted $\frac{5}{11}$ of the wall with blue. What is the remainder of the wall to be painted ?
2. Draw ∠ ABC with measure 55°

3. **Find.**

a. $2 + 1\frac{1}{7} + 3\frac{3}{7}$

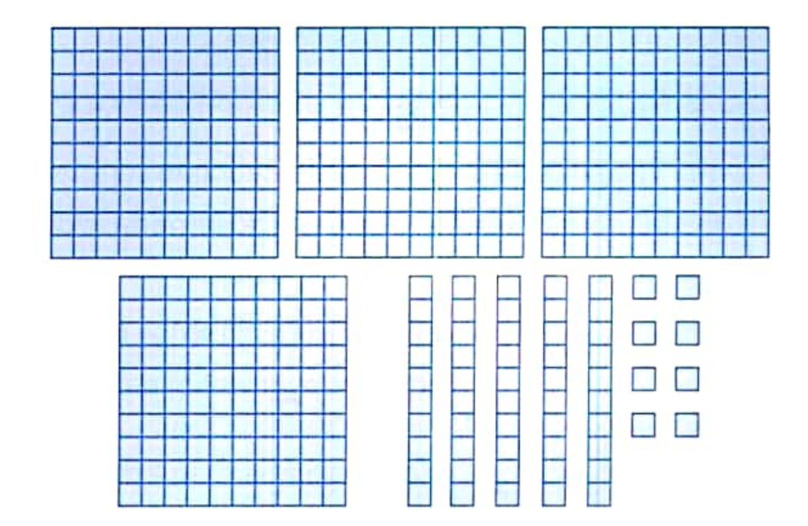
b. $9\frac{7}{11} - 3\frac{5}{11}$

4. **a.** Standard form : ..................

**b.** Word form : ..................

**c.** Unit form : ..................

**d.** Expanded form : ..................



## Model 8

**1. Choose the correct answer.**

1. The expanded form for the number 2.35 is ..................
   - **A.** 2 + 0.5 + 0.03
   - **B.** 2 + 0.3 + 0.05
   - **C.** 3 + 0.5 + 0.02
   - **D.** 5 + 0.2 + 0.03

2. The standard form for the number : 3 Ones , 5 Tenths and 7 Hundredths is ..................
   - **A.** 3.57
   - **B.** 3.75
   - **C.** 7.53
   - **D.** 5.37

3. 0.4 is equivalent to ..................
   - **A.** $\frac{4}{100}$
   - **B.** $\frac{1}{4}$
   - **C.** $\frac{10}{4}$
   - **D.** $\frac{40}{100}$

4. 71 Hundredths equals ..................
   - **A.** $\frac{7}{100}$
   - **B.** 0.29
   - **C.** 0.71
   - **D.** $\frac{17}{100}$

5. $\frac{1}{10} + \frac{11}{100} =$ ..................
   - **A.** 0.12
   - **B.** 0.21
   - **C.** 2.1
   - **D.** 1.2

6. The right triangle has .................. right angle.
   - **A.** 0
   - **B.** 1
   - **C.** 2
   - **D.** 3

7. The opposite figure is named as ..................




   - **A.** $\overline{XY}$
   - **B.** $\overrightarrow{XY}$
   - **C.** $\overleftrightarrow{AB}$
   - **D.** $\overleftrightarrow{XY}$

**2. Complete.**

1. $1 + 1\frac{1}{6} =$ ..........
2. $\frac{5}{8} = \frac{\dots}{16}$
3. The value of the digit 6 in the number 2.65 is ..........
4. The suitable graph representation to compare the maximum and minimum temperature between many governorates during a week is ..........
5. The two lines (perpendicular lines diagram) are ..........
6. An .......... angle is greater than a right angle and smaller than a straight angle.
7. The .......... triangle has no equal sides.
8. The .......... has 4 equal sides and 4 right angles.

---

**3. Choose the correct answer.**

1. To compare between rainfall in the deserts of Africa in the two years 2020 , 2022 we use : ..........
   - A. picture representation
   - B. bar graph
   - C. Line plot graph
   - D. double par graph
2. $\frac{7}{12}$ is closer to the benchmark fraction ..........
   - A. 1
   - B. $\frac{1}{2}$
   - C. $\frac{1}{4}$
   - D. 0
3. The order of the fractions $\frac{5}{10}$ , $\frac{3}{12}$ and $\frac{10}{15}$ from the greatest to the smallest is ..........
   - A. $\frac{10}{15}, \frac{5}{10}, \frac{3}{12}$
   - B. $\frac{3}{12}, \frac{5}{10}, \frac{10}{15}$
   - C. $\frac{10}{15}, \frac{5}{10}, \frac{3}{12}$
   - D. $\frac{10}{15}, \frac{3}{12}, \frac{5}{10}$
4. Which fraction is not equivalent to $\frac{3}{9}$ ?
   - A. $\frac{6}{12}$
   - B. $\frac{5}{15}$
   - C. $\frac{2}{6}$
   - D. $\frac{1}{3}$
5. The name of (diagram of a ray) is ..........
   - A. a line segment.
   - B. a ray.
   - C. a straight line.
   - D. an angle.
6. How many obtuse angles are there in the opposite figure ?



   - A. 3
   - B. 4
   - C. 5
   - D. 6

7. The equilateral triangle has ________ equal sides.

A. 0 B. 1 C. 2 D. 3

**4. Answer the following questions.**

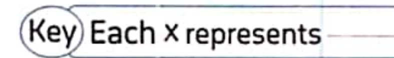
1. Hosam walked $\frac{5}{10}$ kilometer, then he walked another $\frac{21}{100}$ kilometer. How long did Hosam walk altogether?

2. If Manar's bottle contains $\frac{6}{10}$ litre of oil while Hana's bottle contains 0.75 litre. Which bottle contains more oil?

3. The following data shows the lengths of some coloring pencils with Ramy. Represent this data using a line plot, then answer the following questions.

$4\frac{1}{4}$ , $4\frac{2}{4}$ , $4\frac{3}{4}$ , $4\frac{1}{4}$ , $4\frac{3}{4}$ , $4\frac{3}{4}$ , 4 , 5

, $4\frac{2}{4}$ , $4\frac{1}{4}$ , $4\frac{3}{4}$ , 5



a. How many pencils whose lengths are more than $4\frac{2}{4}$ cm?

________

Key Each x represents ________ pencil

b. What is the greatest length of the pencils?

________

c. What is the smallest length of the pencils?

________

4. Draw an angle with measure 120°

## Model 9

**1. Choose the correct answer.**

1. $\frac{5}{9}+\frac{4}{9}=$ ________

A. $\frac{1}{9}$ B. $\frac{9}{18}$ C. 1 D. $\frac{20}{81}$

2. $\frac{1}{4}<\frac{1}{__}$

A. 8 B. 7 C. 5 D. 3

3. $\frac{20}{7}=$ ________ (as a mixed number)

A. $3\frac{1}{7}$ B. $2\frac{6}{7}$ C. $2\frac{1}{7}$ D. $1\frac{6}{7}$

4. The fraction which represents the shaded parts in the opposite model is ..............




A. $\frac{4}{9}$ B. $\frac{5}{9}$

C. $\frac{13}{9}$ D. $\frac{13}{18}$

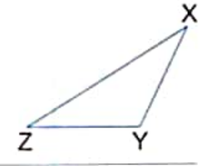
5. Which of the following represents a unit fraction ? ..............

A. $\frac{7}{4}$ B. $\frac{7}{7}$ C. $\frac{4}{7}$ D. $\frac{1}{7}$

6. .............. is an acute angle.

A. 125° B. 90° C. 70° D. 180°

7. Which is an obtuse angle in the opposite figure ?




A. ∠ YXZ B. ∠ XZY

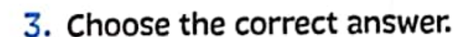
C. ∠ YZX D. ∠ XYZ

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**2. Complete.**

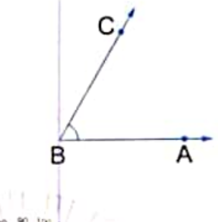
1. $\frac{2}{10} + \frac{24}{100} + \frac{5}{10} =$ ..............
2. $\frac{46}{100} + \frac{3}{10} =$ .............. (as a decimal)
3. $\frac{17}{3} =$ .............. (as a mixed number)
4. $\frac{5}{8} \times \frac{\ldots}{3} = \frac{5}{8}$
5. The unit form for the number 8.5 is ..............
6. The place value of the digit 5 in the decimal number 12.15 is ..............
7. $\frac{1}{4}$ of a circle measured .............. °
8. The rectangle has .............. right angles.

---



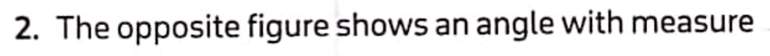
**3. Choose the correct answer.**

1. The name of the opposite angle is ..............




A. ∠ ACB B. ∠ CAB

C. ∠ BAC D. ∠ ABC



2. The opposite figure shows an angle with measure ..............

A. 25° B. 27°

C. 153° D. 155°

3. Which relation is correct ?

A. $\frac{7}{12} > \frac{7}{9}$  B. $\frac{7}{8} < \frac{7}{10}$  C. $\frac{7}{13} < \frac{7}{11}$  D. $\frac{7}{15} > \frac{7}{9}$

4. The opposite figure is named as ........

A. $\overleftrightarrow{CD}$  B. $\overrightarrow{CD}$

C. $\overline{CD}$  D. $\overrightarrow{DC}$

5. Which figure shows an acute angle ?

A.  B.  C.  D.



6. Which fraction is equivalent to 0.7 ?

A. $\frac{7}{10}$  B. $\frac{7}{100}$  C. $\frac{70}{10}$  D. $\frac{700}{100}$

7. The digit 4 in the number 13.47 is in ........ place.

A. Ones  B. Tens  C. Tenth  D. Hundredth

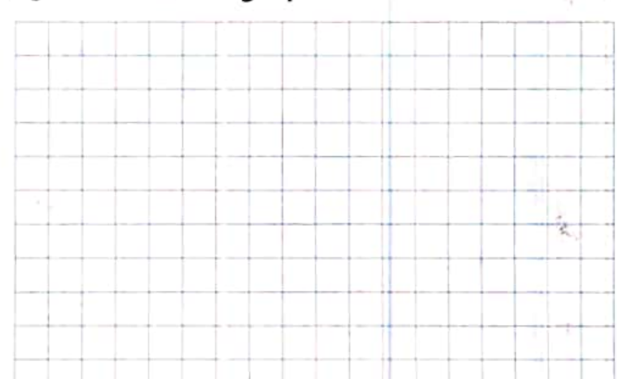
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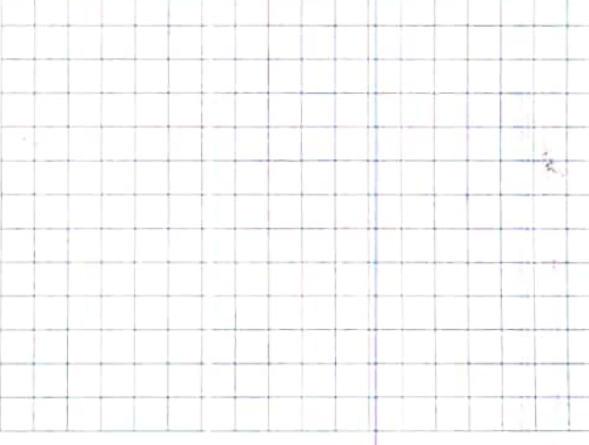
**4. Answer the following questions.**

1. Adam drinks 0.6 liter of juice. Omar drinks $\frac{4}{10}$ liter of juice. Who does drink more ?

2. **Scores obtained by the four friends Youssef, Sameh, Noha and Ola in the pre-test and test are given below. Represent these data by a double bar graph.**

| Students Score | | |
|---|---|---|
| Name of students | Pre-test | Test |
| Youssef | 60 | 70 |
| Sameh | 75 | 90 |
| Noha | 55 | 55 |
| Ola | 80 | 95 |





Then , answer the following questions :

a. Who has the greatest score in the pre-test ?



b. What is the smallest score in the test ?

c. Who has the same score in the pre-test and the test ?

**3. Find.**

a. $3\frac{2}{5}+2\frac{1}{5}$

b. $6\frac{8}{9}-4\frac{6}{9}$

c. $7\times\frac{1}{9}$

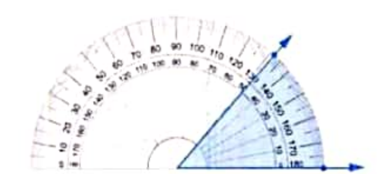
d. $1-\frac{3}{7}-\frac{4}{7}$

4. Draw $\angle XYZ$ with measure $90°$

## Model 10

**1. Choose the correct answer.**

1. The opposite figure shows an angle with measure ____



A. 48°  B. 50°

C. 130°  D. 132°

2. $2\frac{1}{8}$ is equivalent to : ____

A. $\frac{4}{8}-\frac{2}{8}$  B. $\frac{4}{8}+\frac{2}{8}$  C. $\frac{17}{8}$  D. $\frac{11}{8}$

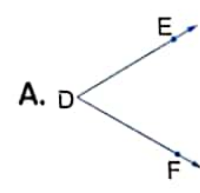
3. Which number fits in the blank $\square$ ? $\frac{2}{3}=\frac{18}{\square}$

A. 6  B. 9  C. 19  D. 27

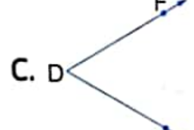
4. $\frac{32}{100}+\frac{2}{10}=$ ____ (as a decimal form)

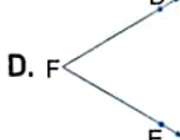
A. 0.32  B. 0.34  C. 0.52  D. 5.2

5. Which angle is named as angle DEF ?




B. E F D

C. 


D. 


6. $\frac{2}{7}+\frac{3}{7}$ ◯ $\frac{6}{7}-\frac{1}{7}$

A. >  B. =  C. <

7. The numerator of the fraction $\frac{5}{9}$ is ____

A. 9  B. 4  C. 5  D. 14

**2. Complete.**

1. $5\frac{5}{6}+2\frac{1}{6}=$ ____

2. $\frac{5}{10}-\frac{2}{10}=$ ____

3. The place value of the digit 3 in the number 5.34 is ________

4. The opposite two lines are ________



5. The decimal 3.03 is read as ________

6. An ________ angle is less than a right angle.

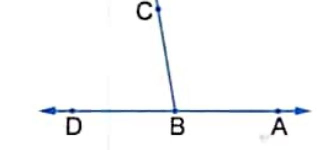
7. 5 tens , 5 tenths = ________ (in standard form)

8. $\frac{71}{100}$ = ________ (as a decimal)

---

## 3. Choose the correct answer.

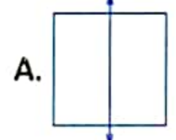
1. Which is the best description of ∠ ABC ?




A. Right angle. B. Straight angle.

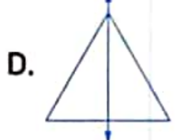
C. Acute angle. D. Obtuse angle.

2. All the following figures show a line of symmetry except ________

A. 

B. 

C. 

D. 

3. The value of the digit 4 in the number 7.34 is ________

A. 4 B. $\frac{4}{10}$ C. $\frac{4}{100}$ D. $\frac{40}{10}$

4. The equilateral triangle has ________ equal sides.

A. 0 B. 1 C. 2 D. 3

5. ________ $\times \frac{7}{7} = \frac{1}{5}$

A. $\frac{1}{7}$ B. $\frac{1}{5}$ C. $\frac{5}{7}$ D. $\frac{5}{5}$

6. $\frac{3}{7} = \frac{1}{7} + \frac{1}{7} +$ ________

A. $\frac{5}{7}$ B. $\frac{2}{7}$ C. $\frac{1}{7}$ D. $\frac{6}{7}$

7. $\frac{50}{100} = \frac{\quad}{10}$

A. 100 B. 10 C. 50 D. 5

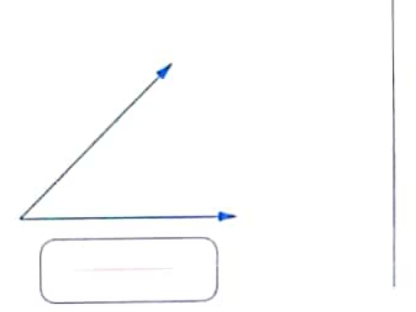
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## 4. Answer the following questions.

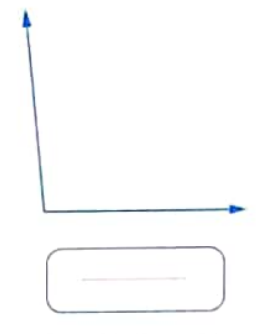
1. Samira cut a cake into 8 equal parts and ate one part of them. What is the fraction that represents the remaining parts ?

2. Use your protractor to measure each of the following. (you can extend the length of the rays to make it easier to measure)

a.



b.



3. Write the required forms for the decimal number $2 + 0.5 + 0.01$

a. Standard form : ..................

b. Unit form : ..................

c. Word form : ..................

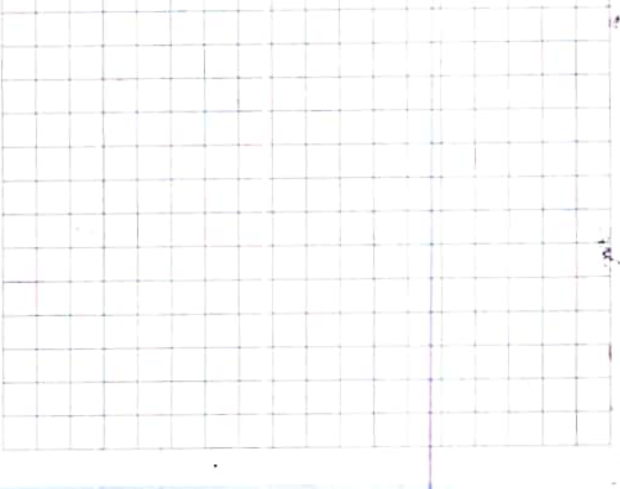
4. Omar and Malek conducted an experiment. They wanted to see how far their friends could roll a heavy ball. They drew a starting line in the dirt and asked six friends to roll a 10 kilograms ball as far as they could from the starting line. They measured the distance in meters to the nearest $\frac{1}{4}$ meter and record their data in a table.

| Student | Rana | Salah | Tahani | Ziad | Farouk | Walid |
|---|---|---|---|---|---|---|
| Distance for 10 kg Ball (in m) | $\frac{3}{4}$ m | $1\frac{1}{2}$ m | $1\frac{1}{4}$ m | $2\frac{1}{4}$ m | $1\frac{3}{4}$ m | $2\frac{1}{2}$ m |

Create a bar graph that shows Omar and Malek's data. Remember to include all the elements of a bar graph, then answer the following questions :

a. Who has the greatest distance after rolling the ball ?

b. What is the difference between the greatest and smallest distances of rolling the ball ?



## Model 1

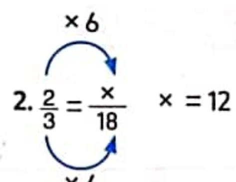
**1.** 1. B 2. C 3. B
4. C 5. A 6. D
7. C

**2.** 1. 2.4 2. 4 3. ones
4. acute 5. 3 6. 0.06
7. 3.33 8. $\frac{13}{6}$

**3.** 1. C 2. C 3. C
4. B 5. C 6. D
7. C

**4.** 1. a. $1\frac{1}{5}$ b. $3\frac{7}{7} = 4$
c. $2\frac{11}{100}$ or 2.11

2.




3. The order is :
$\frac{2}{10}$ , $\frac{2}{9}$ , $\frac{2}{5}$ , $\frac{2}{4}$ , $\frac{2}{3}$

4. a.

| Sport / Pupils | Vollyball | Handball | Swimming | Football |
|---|---|---|---|---|
| boys | 4 | 10 | 8 | 6 |
| girls | 6 | 10 | 12 | 2 |

b. 8 c. 6

## Model 2

**1.** 1. C 2. B 3. B
4. B 5. C 6. A
7. D

**2.** 1. 23 2. $\frac{6}{7}$ 3. 180°
4. 5 5. 3.03 6. $\frac{25}{100}$
7. 4 8. scalene

**3.** 1. C 2. A 3. D
4. C 5. C 6. A
7. A

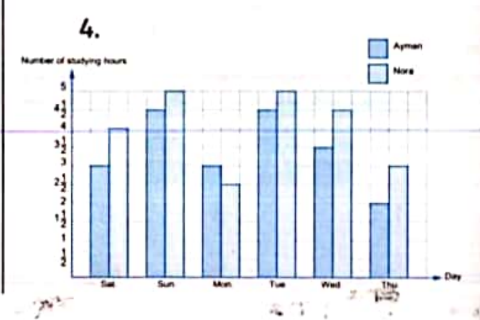
**4.** 1. a. $6\frac{2}{3}$ b. $2\frac{1}{7}$

2. $\frac{2}{3} = \frac{\times}{18}$ (× 6) $\times = 12$

So there are 12 red apples.

3. a. 2.19
b. Two and nineteen hundredths

4.








## Model 3

**1.** 1. C 2. C 3. A
4. A 5. B 6. C
7. A

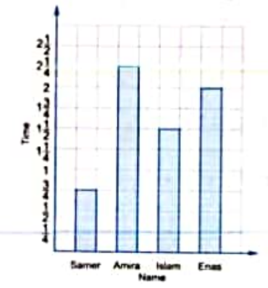
**2.** 1. 0.2 2. $\frac{16}{5}$ 3. 5
4. $3\frac{3}{9}$ 5. 4 6. 7.24
7. $\frac{34}{10}$ 8. $2\frac{2}{100}$

**3.** 1. B 2. B 3. D
4. C 5. B 6. A
7. C

**4.** 1. $\frac{4}{10}$ , 0.4
2. 6.42 , 6 + 0.40 + 0.02
3.

| Model | Fraction | Unit fraction | Equation to form the fraction |
|---|---|---|---|
| a. | $\frac{2}{4}$ | $\frac{1}{4}$ | $\frac{1}{4} + \frac{1}{4}$ |
| b. | $\frac{5}{6}$ | $\frac{1}{6}$ | $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$ |

The internet usage




a. Amira b. Samer
c. $1\frac{1}{4}$ hour

## Model 4

**1.** 1. B 2. D 3. D
4. D 5. C 6. D
7. B

**2.** 1. 6 2. 24 3. 5.05
4. 0.03 5. $\frac{7}{4}$ 6. $4\frac{1}{5}$
7. 60 , 0.5 , 0.07 8. 8

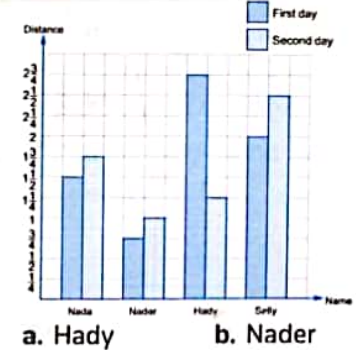
**3.** 1. C 2. A 3. D
4. A 5. D 6. C
7. B

**4.** 1. C B A

2. The perimeter =
$1\frac{1}{4} + 1\frac{1}{4} + 1\frac{1}{4} + 1\frac{1}{4} = 5$ m

3. $0.7 = \frac{7}{10}$
, $\frac{7}{10} < \frac{9}{10}$
So, Mathew ate more.

4.




a. Hady b. Nader

## Model 5

**1.** 1. C 2. D 3. D 4. A 5. A 6. C 7. D

**2.** 1. $6\frac{35}{100}$ 2. 50 3. $\frac{75}{100}$ 4. 2 5. parallel 6. obtuse 7. an isosceles 8. a right

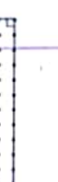
**3.** 1. D 2. C 3. C 4. D 5. D 6. C 7. C

**4.** 1. $\frac{3}{5} = \frac{?}{15}$ (× 3, × 3) So, the number of birds that flew away is 9 birds.

2. a. $\frac{5}{4}$ , $1\frac{1}{4}$ b. $\frac{9}{6}$ , $1\frac{3}{6}$

3. a. $4\frac{6}{5} = 5\frac{1}{5}$ b. $2\frac{1}{7}$ c. $\frac{4}{9}$ d. $\frac{5}{3}$

4. a. b.



## Model 6

**1.** 1. C 2. B 3. C 4. B 5. C 6. D 7. D

**2.** 1. $\frac{35}{100}$ 2. 1 3. 2 + 0.5 4. 9 5. 79 6. $\frac{2}{5}$ 7. BAC or CAB or A 8. perpendicular.

**3.** 1. B 2. D 3. D 4. B 5. C 6. B 7. B

**4.** 1. a. Three and twenty-seven hundredths.
b. 3 Ones , 2 Tenths and 7 Hundredths.
c. 3 + 0.2 + 0.07

2.

3. a. $\frac{1}{6}$ , $\frac{5}{10}$ , $\frac{8}{9}$
b. $\frac{1}{9}$ , $\frac{2}{4}$ , $\frac{11}{12}$

4.

11, $11\frac{1}{4}$, $11\frac{1}{2}$, $11\frac{3}{4}$, 12, $12\frac{1}{4}$

a. $11\frac{1}{2}$
b. 11 , $11\frac{3}{4}$ and $12\frac{1}{4}$

## Model 7

**1.** 1. D 2. B 3. B 4. A 5. A 6. D 7. D

**2.** 1. 4 Ones , 5 Tenths , 2 Hundredths 2. 520 3. 45 4. 7 5. an obtuse 6. 3.7 7. $\frac{3}{8}$ 8. Tenths

**3.** 1. C 2. D 3. C 4. A 5. C 6. C 7. B

**4.** 1. The remainder $= 1 - \frac{5}{11} = \frac{6}{11}$ of the wall.

2.

3. a. $6\frac{4}{7}$ b. $6\frac{2}{11}$

4. a. 4.58
b. four and fifty-eight hundredths
c. 4 Ones , 5 Tenths , 8 Hundredths
d. 4 + 0.5 + 0.08

## Model 8

**1.** 1. B 2. A 3. D 4. C 5. B 6. B 7. D

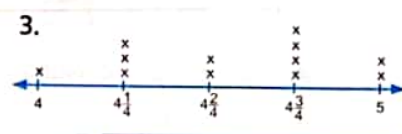
**2.** 1. $2\frac{1}{6}$ 2. 10 3. 0.6 4. double bar graph. 5. perpendicular 6. obtuse 7. scalene 8. square

**3.** 1. D 2. B 3. C 4. A 5. B 6. D 7. D

**4.** 1. Hosam walked $= \frac{5}{10} + \frac{21}{100} = \frac{71}{100}$ km

2. Manar's bottle ⟶ $\frac{6}{10} = \frac{60}{100}$ Litre
Hana's bottle ⟶ $0.75 = \frac{75}{100}$ Litre
So, Hana's bottle has more oil.

3.




Key: Each X represents 1 pencil.

a. 6 pencils b. 5 cm. c. 4 cm.

4.

## Model 9

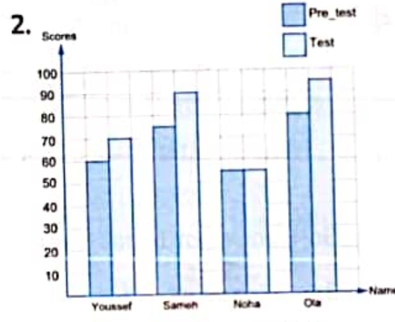
**1.** 1. C 2. D 3. B
4. C 5. D 6. C
7. D

**2.** 1. $\frac{94}{100}$ 2. 0.76 3. $5\frac{2}{3}$
4. 3 5. 8 Ones, 5 Tenths
6. Hundredths 7. 90°
8. 4

**3.** 1. D 2. B 3. C
4. C 5. D 6. A
7. C

**4.** 1. Adam drinks ⟶ $0.6 = \frac{6}{10}$ Liter
Omar drinks ⟶ $\frac{4}{10}$ Liter
So, Adam drinks more.

2.




a. Ola b. 55 c. Noha

3. a. $5\frac{3}{5}$ b. $2\frac{2}{9}$
c. $\frac{7}{9}$ d. zero

4. Z, Y, X

## Model 10

**1.** 1. A 2. C 3. D
4. C 5. B 6. B
7. C

**2.** 1. $7\frac{6}{6} = 8$ 2. $\frac{3}{10}$ 3. Tenths
4. parallel
5. three and three hundredths
6. acute 7. 50.5 8. 0.71

**3.** 1. D 2. C 3. C
4. D 5. B 6. C
7. D

**4.** 1. The fraction $= 1 - \frac{1}{8} = \frac{7}{8}$
2. a. 45° b. 95°
3. a. 2.51
b. 2 Ones, 5 Tenths, 1 Hundredth.
c. Two and fifty-one hundredths.

4. Meters; Rana, Salah, Tahani, Ziad, Farouk, Walid; Students

a. Walid b. $1\frac{3}{4}$ meter

## NOTES



# Prim 4 – Model No 1

## [Q1] Choose the correct answer:

(1) The number of unit fraction which formed $\frac{2}{3}$ equals .......

a) 1 b) 2 c) 3 d) 4

(2) $\frac{1}{6}$ ............... $\frac{4}{6}$

a) > b) = c) < d) Otherwise

(3) The place value of digit 2 in the number 10.02 is ......

a) Ones b) Tenths c) Hundredths d) Hundred

(4) The weight of a person is 80.5 kg equals .... Tenths Kg

a) 5 b) 80 c) 805 d) 8050

(5) When the data is numbers, use ...... to represents on number line

a) Bars b) Double bars c) Pictograph d) Line plot

(6) Two straight lines are never intersecting are ........... .

a) Perpendicular b) Parallel c) Intersecting d) Otherwise

(7) The angle of measure $112^{\circ}$ is ............ Angle

a) Acute b) Right c) Obtuse d) Straight

## [Q2] Complete the following:

(1) $\frac{3}{4} \times \frac{3}{3} =$ ............

(2) The fraction $\frac{1}{6}$ is nearest benchmark fraction .............

(3) One whole = .................... hundredths

(4) The mixed number which represents 10.07 is .............

(5) The number of visitor to Cairo tower during a week represents graph with .................

(6) The shape ⟷ is called .................

(7) Rectangular garden with length 4 m , width 3 m, its area = ...... $m^2$

(8) The number of degrees in the circle = ....................... degrees

## [Q3] Choose the correct answer:

(1) .................. Which numerator is less than denominator

a) Proper  b) Improper  c) Mixed  d) Whole No.

(2) The equivalent fraction of $\frac{4}{5}$ is ...............

a) $\frac{1}{5}$  b) $\frac{8}{5}$  c) $\frac{2}{5}$  d) $\frac{8}{10}$

(3) 0.5 = ..............

a) $\frac{1}{5}$  b) $\frac{1}{10}$  c) $\frac{5}{10}$  d) $\frac{50}{10}$

(4) The expand form of 3.14 is ..........

a) 3 + 0.1 + 0.4  b) 3 + 0.1 + 0.04

c) 3 + 0.01 + 0.04  d) 4 + 0.1 + 0.3

(5) The favorite food of a group of boys and girls can be represented using the graph by ...........

a) Bars  b) Double bars  c) Pictograph  d) Line plot

(6) All angles are right in

a) Square  b) Rhombus  c) Parallelogram  d) Trapezium

(7) The fraction $\frac{6}{12}$ represent of the circle angle of measure .....

a) $90^{\circ}$  b) $180^{\circ}$  c) $270^{\circ}$  d) $360^{\circ}$

## [Q4] Answer the following questions:

[A] Khaled ate $\frac{1}{6}$ from the candy box, so if there were 18 pieces in the box.
How many pieces did Khaled eat? ..............................................................

[B] Two ropes, one with a mass $\frac{1}{10}$ Kg , and the other with a mass $\frac{8}{100}$ Kg. What is the total mass the two ropes together?

.......................................................................................................

[C] Draw $\overleftrightarrow{XY}$ parallel $\overleftrightarrow{ZL}$

[D] The following table shows the number of circles each of Ahmed and Nader study during 6 days, represents this data with double bar graph

| Day | Sat | Sun | Mon | Tues | Wed | Thru |
|---|---|---|---|---|---|---|
| Ahmed | 3 | 4 | 3 | 6 | 4 | 2 |
| Nader | 4 | 5 | 2 | 5 | 5 | 3 |

*End of the questions*

# PRIM 4 – MODEL NO 2

## [Q1] Choose the correct answer:

(1) The unit fraction of the following is ............

a) $\frac{2}{5}$ b) $\frac{1}{8}$ c) $\frac{9}{10}$ d) $\frac{2}{5}$

(2) .................... $< \frac{4}{9}$

a) $\frac{8}{9}$ b) $\frac{1}{9}$ c) $\frac{5}{9}$ d) 1

(3) The value of the digit 9 in the number 0.91 is .............

a) 9 b) 0.9 c) 0.09 d) 90

(4) $\frac{4}{10} + \frac{2}{100} =$ ............

a) $\frac{6}{100}$ b) $\frac{6}{110}$ c) $\frac{42}{100}$ d) $\frac{60}{100}$

(5) Survey data about the number of pets your friend has represents graph with ...........

a) Bars b) Double bars c) Pictograph d) Line plot

(6) All the perpendicular straight lines are .......... lines

a) Parallel b) Separated c) Intersection d) Otherwise

(7) The angle of measure $73^\circ$ is .................. Angle

a) Acute b) Right c) Obtuse d) Straight

## [Q2] Complete the following:



(1) The fraction which represents the opposite model ................

(2) $2\frac{1}{9} =$ .................. As improper fraction

(3) The place value of digit 6 in the number 0.46 is ................

(4) $\frac{......}{10} = \frac{30}{100}$

(5) Questionnaire data on the favorite foods of boys and girls represent graphically with ..............

(6) Start point of the opposite ray is point ........

Z Y

(7) The measure of right angle = .............. °

(8) If the area of square is 49 $cm^2$, then its Side length = ....... cm





## [Q3] Choose the correct answer:

(1) The fraction $\frac{9}{7}$ is called ............

a) Proper b) Improper c) Mixed d) Otherwise

(2) Huda made 25 cakes, one of them contains $\frac{3}{5}$ cream. The number of cakes that contain On cream = ........................ cake

a) 15 b) 23 c) 9 d) 25

(3) Number of hundredths of the number 1.68 = .......... Parts

a) 68 b) 8 c) 6 d) 168

(4) $1\frac{8}{100}$ = ...............

a) 1.8 b) 1.08 c) 0.18 d) 1.18

(5) The graph that shows the repetition of data on the number line is a graph with................

a) Bars b) Double bars c) Pictograph d) Line plot

(6) The obtuse angled triangle has ............. obtuse angle

a) 1 b) 2 c) 3 d) 4

(7) The triangle of sides lengths 4 cm , 6 cm , 6 cm is called ....... triangle

a) Equilateral b) Isosceles c) Scalene d) Otherwise

## [Q4] Answer the following questions:

[A] Ahmed ate a whole orange, Doaa ate $\frac{1}{6}$ orange, and Nahed ate $\frac{4}{6}$ orange. How much what did Ahmed, Doaa and Nahed eat from oranges?

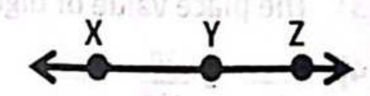
.......................................................................................................

[B] Hussam's mass was 65.6 kg. Express Hussam's mass in decimal number form, then in fraction form.

.......................................................................................................

[C] From the opposite figure: Find:

① Line segment ② Ray




.......................................................................................................

[D] The following table shows the number of students participating in school activities, represents this data with bar graph

| Activities | Social | Cultural | Sports | Artistic |
|---|---|---|---|---|
| No. of students | 20 | 30 | 25 | 10 |

*End of the questions*

# PRIM 4 – MODEL NO  3

## [Q1] Choose the correct answer:

(1) The number of unit fraction which formed $\frac{4}{5}$ equals .......

a) 1 b) 3 c) 4 d) 5

(2) $\frac{13}{8}$ ............... $\frac{11}{8}$

a) > b) = c) < d) Otherwise

(3) The value of 1 is 0.01 in the number ..........

a) 54.12 b) 51.6 c) 7.31 d) 17.26

(4) $\frac{8}{10} + \frac{25}{100} =$ ............

a) $\frac{33}{100}$ b) $5\frac{1}{10}$ c) $\frac{150}{100}$ d) $1\frac{5}{100}$

(5) A bar graph is used to display .................... data on a graph

a) 1 group b) 2 group c) 3 group d) 4 group

(6) The two ................. straight lines make 4 right angles

a) Perpendicular b) Parallel c) Intersection d) Otherwise

(7) Which of the following is acute angle?

a) $110^\circ$ b) $35^\circ$ c) $90^\circ$ d) $180^\circ$

## [Q2] Complete the following:

(1) $4 - \frac{3}{7} =$ ...............

(2) $\frac{5}{2} =$ .............. as mixed number

(3) The standard form of the number fifty hundredths is ......................

(4) $\frac{.......}{100}$ = 6 tenths , 6 hundredths

(5) The data of the population of two governorates in five different years represents with graph by ..................

(6) If the line segment extends from one side, we get ..............

(7) The measure of straight angle = ................$^\circ$

(8) $\frac{10}{12}$ of the circle = ...............$^\circ$

*[Q3] Choose the correct answer:*

(1) The proper fraction of the following is ........

a) $\frac{11}{8}$ b) $\frac{7}{9}$ c) $2\frac{5}{7}$ d) $\frac{8}{3}$

(2) $\frac{8}{14} = \frac{\dots\dots}{4}$

a) 4 b) 2 c) 32 d) 8

(3) $\frac{3}{100} =$ .............

a) 0.3 b) 3.0 c) 0.03 d) 0.33

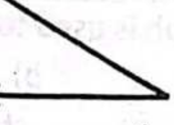
(4) The value of 7 in the number 5.97 is ................

a) 7.0 b) 0.7 c) 0.07 d) 70

(5) Questionnaire for the period of time spent by 15 pupils to perform the homework to the nearest circle is a representation graphically by ......

a) Bars b) Double bars c) Pictograph d) Line plot

(6) The type of the opposite angle ....................



a) Acute b) Obtuse c) Right d) Straight

(7) If the measure of greatest angle in triangle is 90°, then the triangle is...

a) Acute b) Obtuse c) Right d) Otherwise

*[Q4] Answer the following questions:*

*[A]* Samira cut a cake into 8 equal parts, and ate one of them. What parts are left of the cake? ..........................................................................................

*[B]* Hana drank $1\frac{75}{100}$ cup of juice. Express this quantity in decimal form. What is the number hundredths?

..........................................................................................

*[C]* Draw line segment $\overline{OG}$ intersect the ray $\overrightarrow{EF}$

..........................................................................................

*[D]* The following table shows the number of daily study hours for some students, represents this data with bar graph

| Student name | Aly | Ibtsam | Khaled | Omnia | Saif |
|---|---|---|---|---|---|
| No. of Hours | $4\frac{1}{4}$ | $3\frac{1}{4}$ | $3\frac{1}{2}$ | 3 | $2\frac{1}{4}$ |

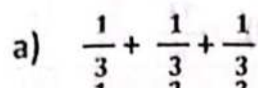
*End of the questions*

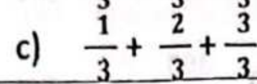
# PRIM 4 – MODEL NO 

4

## [Q1] Choose the correct answer:

(1) The expression which equivalent to $\frac{3}{3}$ is ............

a)  $\frac{1}{3}+\frac{1}{3}+\frac{1}{3}$ b) $\frac{1}{3}+\frac{4}{3}$

c)  $\frac{1}{3}+\frac{2}{3}+\frac{3}{3}$ d) $\frac{1}{4}+\frac{1}{4}+\frac{1}{4}$

(2) $\frac{2}{4}$ ........... $\frac{1}{2}$

a) > b) < c) = d) Otherwise

(3) The value of 5 is 0.05 in the number ..........

a) 5.28 b) 7.15 c) 1.5 d) 54.9

(4) $\frac{1}{10}$ + ............ = $\frac{15}{100}$

a) $\frac{5}{100}$ b) $\frac{14}{10}$ c) $\frac{14}{90}$ d) $\frac{50}{100}$

(5) A double bar graph is used to display .................... data on a graph

a) 1 group b) 2 group c) 3 group d) 4 group

(6) Number of intersection points of two perpendicular line = ......

a) One b) 2 points c) 3 points d) 4 points

(7) The circle has ................. degrees

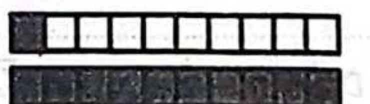
a) 260 b) 360 c) 180 d) 90

## [Q2] Complete the following:

(1) The number of unit fraction which formed $\frac{3}{7}$ equals .......

(2) $2\frac{3}{4}$ = .................... as improper fraction

(3) The decimal number which represents the opposite model



(4) $1.9 = \frac{..........}{10}$

(5) Data about the favorite animals of the students in the class represents graphically with ..........

(6) Number of axis of symmetry of rectangle = ...............

(7) The angle of measure 54° is called ....................... angle

(8) $\frac{1}{3}$ of the circle = ......,........ °

## [Q3] Choose the correct answer:

(1) The improper fraction of the following is .........

a) $\frac{11}{8}$ b) $\frac{7}{9}$ c) $2\frac{5}{7}$ d) $\frac{2}{3}$

(2) $5 - 3\frac{1}{6} =$ ...............

a) $\frac{7}{6}$ b) 2 c) $\frac{4}{6}$ d) $\frac{11}{6}$

(3) The equivalent fraction of the number 0.3 is ..............

a) $\frac{30}{10}$ b) $\frac{3}{100}$ c) $\frac{3}{10}$ d) $\frac{300}{100}$

(4) The expand form of 2.04 is ..........

a) $2 + 0.4$ b) $2 + 40$ c) $4 + 0.2$ d) $2 + 0.04$

(5) One of the following topics can be represented using the line plot representation is ...........................

a) The favorite club of two groups
b) The number of devices in two stores
c) The number of family members for class pupils
d) The favorite type of ice cream for pupils of two classes

(6) All angles in the equilateral triangle are ..............

a) Acute b) Right c) Obtuse d) Otherwise

(7) The vertex of $\angle ABC$ is ..............

a) $\overrightarrow{AB}$ b) C c) A d) B

## [Q4] Answer the following questions:

[A] Hani drank $1\frac{3}{8}$ liter of water, and Samir drank $1\frac{5}{8}$ liter of water. What is the total liters that Hani and Samir drank? ...............................................

[B] If 44 students out of 100 students prefer football. Express it in the form of a decimal fraction, and in the form of a regular fraction.

...............................................................................................

[C] Draw the straight line $\overleftrightarrow{LM}$ intersecting ray $\overrightarrow{OP}$ and forming 4 square angles

[D] The following table shows the number of products sold in each of the shops (A) and shop (B) during a week represents this data with double bar graph

| Day | Mango | Chocolate | Vanilla | Lemon |
|---|---|---|---|---|
| Shop (A) | 100 | 85 | 25 | 40 |
| Shop (B) | 85 | 80 | 60 | 20 |

*End of the questions*

## PRIM 4 – MODEL NO  5

### [Q1] Choose the correct answer:

(1) The unit fraction of the following fraction is ............

a) $\frac{2}{3}$  b) 1  c) $\frac{3}{11}$  d) $\frac{1}{8}$

---

(2) The nearest fraction to $\frac{1}{2}$ is ...........

a) $\frac{5}{8}$  b) $\frac{1}{8}$  c) $\frac{8}{8}$  d) $\frac{2}{8}$

---

(3) The value of 3 is 0.3 in the number ........

a) 8.35  b) 8.53  c) 3.85  d) 30.580

---

(4) A bottle has $\frac{7}{10}$ liter, another bottle has $\frac{14}{100}$ liter, then total =....... liters

a) $\frac{21}{110}$  b) $\frac{21}{100}$  c) $\frac{84}{100}$  d) $\frac{21}{10}$

---

(5) Collecting some data about the class's favorite animal, which can be represented graphically ..............

a) Bars  b) Double bars  c) Pictograph  d) Line plot

---

(6) The number intersection points of two parallel lines are .......

a) One  b) Two  c) Three  d) Zero

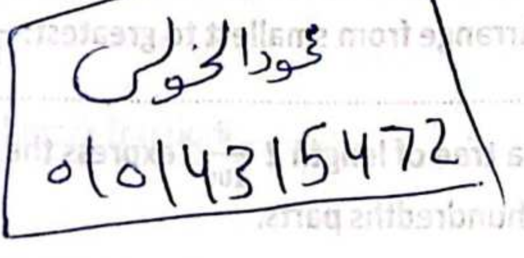
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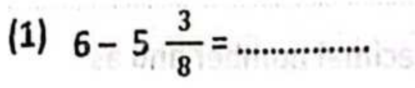
(7) The measure of straight angle = ..............°

a) 108  b) 118  c) 180  d) 90

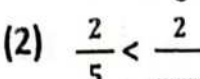
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### [Q2] Complete the following:



(1) $6 - 5\frac{3}{8}$ = ..............



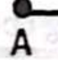
(2) $\frac{2}{5} < \frac{2}{\dots}$

(3) The expand form of the fraction 16 hundredths is ...............

(4) $1\frac{20}{100} = 1\frac{\dots}{10}$

(5) Rainfall data in the year 2000 and the year 2020 in different countries are represented graphically with ....................

(6) The opposite figure is called ..........




(7) The angle of measure 132° is called ................ angle

(8) $\frac{1}{6}$ Of the circle = ................. degree

## [Q3] Choose the correct answer:

(1) The mixed number of the following is ............

a) $12\frac{4}{9}$ b) $\frac{9}{4}$ c) $\frac{18}{36}$ d) $\frac{17}{4}$

(2) The correct mathematical expression is ..........

a) $\frac{9}{25} = \frac{3}{5}$ b) $\frac{4}{5} = \frac{1}{2}$ c) $\frac{6}{10} = \frac{2}{10}$ d) $\frac{8}{10} = \frac{4}{5}$

(3) The place value of the number 8 in the number 1.78 is ....

a) Ones b) Tenths c) Hundredths d) Tens

(4) The standard form of: 3 ones , 5 tenths , 7 hundredths

a) 3.57 b) 3.75 c) 7.53 d) 5.37

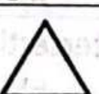
(5) All the following can be represented using a double bar graph EXCEPT .....

a) The meals preferred by boys and girls
b) The number of brothers and sisters for the students in the class
c) Comparing the population of two governorates in 5 years
d) Scores of a group of pupils in mathematics and science

(6) The quadrilateral has 4 right angles is ........

a) Parallelogram b) Rhombus c) Rectangle d) Trapezium

(7) The opposite triangle is .............. Triangle



a) Acute b) Right c) Obtuse d) Otherwise

## [Q4] Answer the following questions:

[A] Arrange from smallest to greatest: $\frac{7}{10}$ , $\frac{2}{10}$, $\frac{5}{10}$, $\frac{10}{10}$, $\frac{1}{10}$

........................................................................................................................................................

[B] a tree of length $2\frac{8}{100}$ ; express the length as decimal number and as hundredths parts.

........................................................................................................................................................

[C] A rectangular squash playground with an area of 32 $m^2$, one side of which is 8 meters long. Find the length the other side of the playground.

........................................................................................................................................................

[D] The following table shows the distance in kilometers covered by each student in the running competition, represents this data with bar graph

| Student name | Nahla | Hisham | Hager | Nabil | Omar |
|---|---|---|---|---|---|
| No. of Hours | $1\frac{1}{2}$ | $1\frac{1}{4}$ | $\frac{3}{4}$ | 2 | $1\frac{3}{4}$ |

*End of the questions*



## PRIM 4 – MODEL NO 6

## [Q1] Choose the correct answer:

(1) The greatest unit fraction of the following is ..........

a) $\frac{1}{2}$ b) $\frac{1}{4}$ c) $\frac{1}{3}$ d) $\frac{1}{5}$

(2) $\frac{1}{\dots\dots} < \frac{1}{5}$

a) 4 b) 3 c) 2 d) 6

(3) The value of the digit 1 is 0.1 in the number ...........

a) 2.81 b) 1.29 c) 96.13 d) 17.32

(4) $\frac{17}{100} + \frac{5}{10} = \dots\dots\dots\dots$

a) $\frac{22}{110}$ b) $\frac{22}{100}$ c) $\frac{67}{100}$ d) $\frac{67}{10}$

(5) The favorite food of a group of boys and girls in the class can be represented graphically by.........

a) Bars b) Double bars c) Pictograph d) Line plot

(6) Two perpendicular lines formed .................. Right angles

a) 3 b) 4 c) 5 d) 6

(7) The fraction $\frac{11}{12}$ represents of the circle angle of measure ............$^{o}$

a) 360 b) 330 c) 300 d) 30

## [Q2] Complete the following:

(1) The fraction $\frac{6}{10}$ is nearest to benchmark fraction ..............

(2) $\frac{1}{\dots\dots\dots} = \frac{5}{15}$

(3) The place value of the number 3 in the number 11.23 is .............

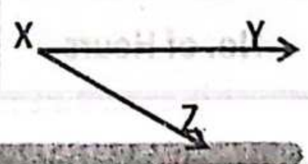
(4) Number of hundredths in the number 4 = ...................... hundredths

(5) Data of degrees of mathematics for the students of the class represents graphically with .................

(6) ................ is a line has start point and has no end point.

(7) The angle of measure 115° is ....................angle

(8) The name of the opposite angle is ∠ ...................



## [Q3] Choose the correct answer:

(1) All the following represents improper fraction except ...............

a) $\frac{11}{5}$  b) $\frac{27}{8}$  c) $\frac{1}{23}$  d) $\frac{17}{16}$

(2) $4 \times \frac{1}{9}$ = .............

a) $\frac{9}{4}$  b) $\frac{4}{9}$  c) $\frac{4}{36}$  d) $\frac{5}{9}$

(3) The equivalent fraction of the decimal fraction 0.45 is ..........

a) $\frac{450}{100}$  b) $\frac{450}{10}$  c) $\frac{45}{100}$  d) $\frac{45}{10}$

(4) 1.4 = 1 + ...............

a) 14  b) 0.1  c) 0.4  d) 0.14

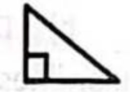
(5) $5 - 3\frac{1}{2}$ = ............

a) $2\frac{1}{2}$  b) $8\frac{1}{2}$  c) $1\frac{1}{2}$  d) $15\frac{1}{2}$

(6) The quadrilateral of equal sides is called ..........

a) Parallelogram  b) Rectangle  c) Rhombus  d) Trapezium

(7) The opposite triangle is .............. Triangle



a) Acute  b) Right  c) Obtuse  d) Otherwise

## [Q4] Answer the following questions:

[A] Ahmad has $2\frac{7}{8}$ kilograms of oranges. If one kilogram of them is spoiled, how much is left for him?

.....................................................................................................

[B] A tree with a length of $5\frac{9}{100}$ meters. Represent the length of the tree in decimal form, then in hundredths parts.

.....................................................................................................

[C] A rectangular swimming pool 12 meters long and 8 meters wide. find its circumference.

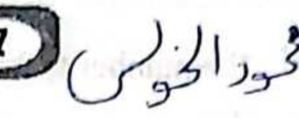
.....................................................................................................

[D] The following table shows the distance in kilometers covered by each student in the running competition, represents this data with bar graph

| Student name | Amira | Ahmed | Salma | Khaled | Dalia |
|---|---|---|---|---|---|
| No. of Hours | $1\frac{1}{2}$ | $1\frac{1}{4}$ | $\frac{3}{4}$ | 2 | $1\frac{3}{4}$ |

*End of the questions*

## PRIM 4 – MODEL NO 7



0101431547?

### [Q1] Choose the correct answer:

(1) $1\frac{1}{4} + \frac{3}{4} = \dots\dots\dots\dots$

a) $2\frac{1}{4}$ b) 2 c) $2\frac{3}{4}$ d) 4

(2) Which of the following mixed numbers is equal to $\frac{6}{5}$?

a) $1\frac{1}{2}$ b) $1\frac{1}{5}$ c) $1\frac{1}{12}$ d) $1\frac{1}{6}$

(3) $\frac{1}{2} = \frac{?}{22}$

a) 10 b) 11 c) 12 d) 20

(4) $\frac{7}{12}$ is closer to the benchmark fraction ……

a) 1 b) $\frac{1}{2}$ c) $\frac{1}{4}$ d) 0

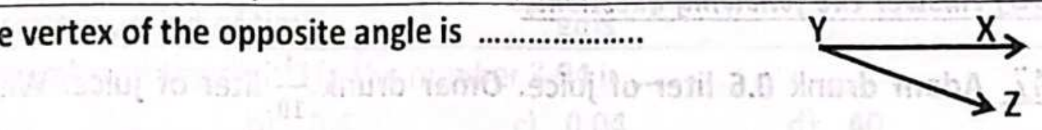
(5) Recording amounts saved by a group of individuals during a month that can be represented graphically by……………….

a) Bars b) Double bars c) Pictograph d) Line plot

(6) The number of axes of symmetry of the square is ……….

a) 0 b) 1 c) 2 d) 4

(7) The vertex of the opposite angle is ……………….




a) X b) Y c) Z d) ZYX

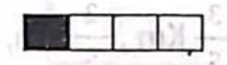
### [Q2] Complete the following:

(1) $\frac{5}{12} + \frac{2}{12} + \frac{6}{12} = \dots$ (in simplest form)

(2) The proper fraction has the numerator ……. than the denominator.

(3) The place value of the digit 5 in the decimal number 12.15 is ……..

(4) The suitable graph representation to compare the maximum and minimum temperature between many governorates during a week is…………

(5) The unit fraction that represents the shaded part is … 

(6) Number of halves in the whole one is …………………

(7) The fraction $\frac{3}{12}$ is represents of the circle angle of measure ………… °

(8) The angle of measure 127° is ……………… angle

## [Q3] Choose the correct answer:

(1) The number of unit fraction that forms the proper fraction $\frac{5}{8}$ is.......

a) 1 b) 3 c) 5 d) 8

(2) $3\frac{5}{8} - 2\frac{1}{8} = \cdots$

a) $2\frac{1}{2}$ b) $2\frac{4}{8}$ c) $1\frac{1}{2}$ d) $1\frac{6}{8}$

(3) $2\frac{1}{8}$ is equivalent to:

a) $\frac{4}{8} - \frac{2}{8}$ b) $\frac{4}{8} + \frac{2}{8}$ c) $\frac{17}{8}$ d) $\frac{11}{8}$

(4) The quadrilateral which has only one pair of parallel sides is ..........

a) Parallelogram b) Rectangle c) Rhombus d) Trapezium

(5) $\frac{20}{7} =$ .......... ( As a mixed number)

a) $3\frac{1}{7}$ b) $2\frac{6}{7}$ c) $2\frac{1}{7}$ d) $1\frac{6}{7}$

(6) The standard form for the number: 3 ones, 5 tenths and 7 hundredths is

a) 3.75 b) 3.57 c) 7.53 d) 5.37

(7) The opposite triangle is............... Triangle

a) Acute b) Right c) Obtuse d) Otherwise

## [Q4] Answer the following questions:

[A] Adam drunk 0.6 liter of juice. Omar drunk $\frac{4}{10}$ liter of juice. Who drank more?..............................................................................................

[B] How many small pieces of wood of length 0.1 meter can be cut from another big piece of length 0.7 meter?

..............................................................................................

[C] Hossam walked $\frac{5}{10}$ kilometer then he walked $\frac{21}{100}$ kilometer else. How long did Hosam walk to the home?

..............................................................................................

[D] The following data show the distance in kilometers that some students cover to the school:

$\frac{3}{5}$ Km , $\frac{2}{5}$ Km, $\frac{2}{5}$ Km , $\frac{5}{5}$ Km, $\frac{4}{5}$ Km , $\frac{2}{5}$ Km, $\frac{5}{5}$ Km , $\frac{4}{5}$ Km, $\frac{1}{5}$ Km

(a) Create the line plot for the given data.

(b) What's the distance that most of the students cover to the school?

*End of the questions*

# PRIM 4 – MODEL No 8

## [Q1] Choose the correct answer:

(1) Number of unit fraction which formed the fraction three fifth is ........

a) 1 b) 2 c) 3 d) 5

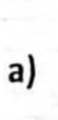
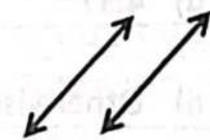
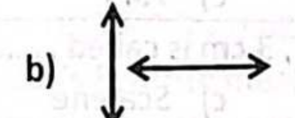
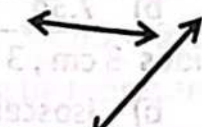
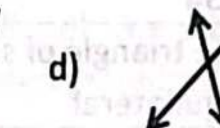
(2) $\frac{1}{4} < \frac{1}{\dots\dots}$

a) 3 b) 5 c) 7 d) 8

(3) $4\frac{1}{2}$ =............... ( As an improper fraction)

a) $\frac{5}{2}$ b) $\frac{7}{2}$ c) $\frac{9}{2}$ d) $\frac{9}{4}$

(4) Which of the following are two perpendicular lines:

a) b) c) d)

(5) Which of the following can be represented graphically by bar graph?

a) favorite food
b) The population of two governorates in 5 years
c) The number of jumps during a certain period of time
d) The favorite animal for boys and girls

(6) The value of the digit 4 in the number 3.94 is ......

a) 4 b) 0.4 c) 0.04 d) 40

(7) 4 ones, 9 hundredths = ......

a) 49 b) 4.9 c) 4.09 d) 0.49

## [Q2] Complete the following:

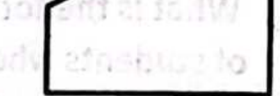
(1) $\frac{2}{10} + \frac{3}{10} + \frac{9}{10}$ = .......

(2) The word form for the number 8.5 is...............

(3) $1 - \frac{3}{5}$ = ........

(4) $\frac{69}{100} + \frac{2}{10}$ = ........ ( in a decimal form)

(5) Number of axes of symmetry of the figure = ...........



(6) 7 tenths = .................. hundredths

(7) The fraction $\frac{1}{12}$ represents of circle angle of measure = ...............°

(8) The measure of right angle = ...............°

## [Q3] Choose the correct answer:

(1) We measure the angle with unit ....................

a) Meter b) Kilogram c) Degree d) Liter

(2) Which relation is correct?

a) $\frac{7}{12} > \frac{7}{9}$ b) $\frac{7}{8} < \frac{7}{10}$ c) $\frac{7}{13} < \frac{7}{11}$ d) $\frac{7}{15} > \frac{7}{9}$

(3) The fraction $\frac{7}{5}$ is called .................. fraction.

a) Proper b) Improper c) Equal d) Mixed

(4) The decimal fraction which equivalent to $\frac{1}{4}$ is ...........

a) 0.25 b) 0.4 c) 0.5 d) 0.1

(5) 7 ones , 3 tenths and 4 hundredths = ............

a) 734 b) 7.34 c) 7.43 d) 4.37

(6) The triangle of sides 3 cm , 3 cm , 3 cm is called ............

a) Equilateral b) Isosceles c) Scalene d) Otherwise

(7) 31.47 = 30 + 1 + 0.4 + ...........

a) 7 b) 0.7 c) 0.07 d) 70

## [Q4] Answer the following questions:

[A] Ahmed made a frame for one of the paintings in the shape of a rectangle, the dimensions of which are 7m , 5m.Find its perimeter and area.

.......................................................................................................................................

[B] Hana's bought a piece of cloth of length $\frac{8}{10}$ meter. And Mona bought another piece of length $\frac{25}{100}$ meter. What is the total length of the two pieces?

.......................................................................

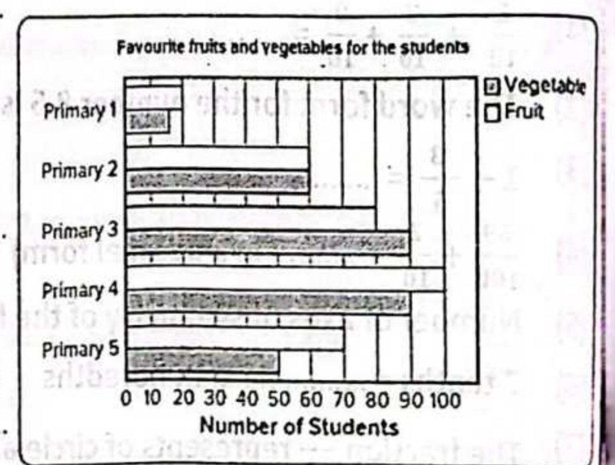
*From the opposite figure:*

[C] Which grade likes vegetables more than fruits?

.......................................................................

[D] What is the total number of students who like vegetables and fruits in grade 4?

.......................................................................




*End of the questions*

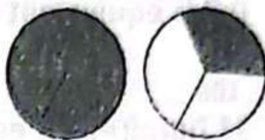
# PRIM 4 – MODEL NO 9

## [Q1] Choose the correct answer:

(1) Which number fits in the blank? $\frac{4}{7} = \frac{16}{\dots\dots}$

a) 4 b) 4 c) 20 d) 28

(2) The fraction which represents the shaded parts in the following model is .......



a) $\frac{2}{6}$ b) $\frac{4}{3}$ c) $\frac{4}{6}$ d) $1\frac{2}{3}$

(3) The expanded form for the number 3.52 is ..........

a) 3 + 0.5 + 0.023 b) 3 + 0.5 + 0.02 c) 3 + 0.2 + 0.05 d) 5 + 0.2 + 0.03

(4) Data about the class's favorite meal can be represented graphically ......

a) Bars b) Double bars c) Pictograph d) Line plot

(5) If all sides of a triangle are equal lengths, then it is called a... triangle

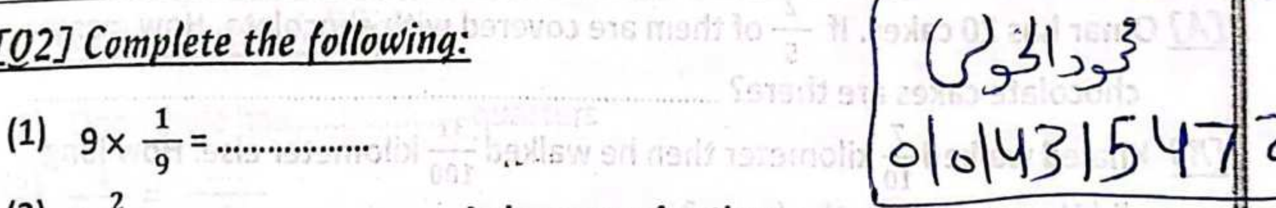
a) Equilateral b) Isosceles c) Scalene d) Otherwise

(6) Two rays are formed the $\angle ABC$ are ..............

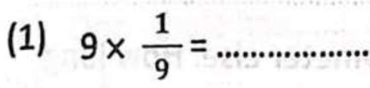
a) $\overrightarrow{AB}, \overrightarrow{AC}$ b) $\overrightarrow{BA}, \overrightarrow{BC}$ c) $\overrightarrow{AB}, \overrightarrow{BC}$ d) $\overrightarrow{BA}, \overrightarrow{AC}$

(7) $\frac{3}{10} + \frac{11}{100} = \dots\dots$

a) 0.14 b) 0.41 c) 3.11 d) 3.1



## [Q2] Complete the following:



(1) $9 \times \frac{1}{9} = \dots\dots\dots\dots$

(2) $5\frac{2}{7} = \dots\dots\dots\dots$ As improper fraction

(3) The expand form of the number 6.34 is ...........

(4) The place value of the digit 8 in the number 4.87 is ...............

(5) Data on the favorite sports of boys and girls in the class represent graphically by ..........................................

(6) A square image has the number of right angles = .................. angles

(7) When the time is 12:15, the hands of the clock make an angle of the type ...................... angle

(8) The measure of angle which represents $\frac{1}{\dots\dots}$ from a circle $= 90°$



## [Q3] Choose the correct answer:

(1) Which fraction is not equivalent to $\frac{2}{6}$ ?

a) $\frac{6}{12}$ b) $\frac{5}{15}$ c) $\frac{3}{9}$ d) $\frac{1}{3}$

(2) Which of the following statements is true?

a) $\frac{3}{5} = \frac{9}{25}$ b) $\frac{1}{2} = \frac{5}{15}$ c) $\frac{4}{5} = \frac{8}{10}$ d) $\frac{2}{10} = \frac{6}{10}$

(3) 0.7 is equivalent to ......

a) $\frac{7}{100}$ b) $\frac{1}{7}$ c) $\frac{10}{7}$ d) $\frac{70}{100}$

(4) 31 hundredths equals ..........

a) $\frac{3}{100}$ b) 0.69 c) 0.31 d) $\frac{69}{100}$

(5) To compare between rainfall in the deserts of Africa in the two years 2022 , 2023 we use:

a) Bars b) Double bars c) Pictograph d) Line plot

(6) $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$ ..............

a) $\frac{5}{20}$ b) $\frac{1}{20}$ c) 1 d) 20

(7) The measure of straight angle = ..........$^{o}$

a) 90 b) 108 c) 180 d) 360

## [Q4] Answer the following questions:

[A] Omar has 20 cakes. If $\frac{2}{5}$ of them are covered with chocolate. How many chocolate cakes are there? ..........................................................................

[B] Khaled walked $\frac{7}{10}$ kilometer then he walked $\frac{31}{100}$ kilometer else. How long did Hosam walk to the home? ..........................................................................

[C] How many small pieces of wood of length 0.1 meter can be cut from another big piece of length 0.6meter? ..........................................................................

[D] The following table shows the favorite sport for a number of boys and girls, represents this data with double bar graph

| Day | Football | Tennis | Swimming | Running | volleyball |
|---|---|---|---|---|---|
| Boys | 4 | 3 | 5 | 3 | 4 |
| Girls | 5 | 3 | 4 | 5 | 3 |

*End of the questions*

# PRIM 4 – MODEL NO (10)

## [Q1] Choose the correct answer:

(1) $\frac{2}{5} + \frac{3}{5} =$ ...........

a) 1 b) $\frac{5}{10}$ c) $\frac{1}{10}$ d) $\frac{6}{5}$

(2) The fraction $\frac{6}{18}$ is equivalent to ...........

a) $\frac{8}{12}$ b) $\frac{1}{3}$ c) $\frac{2}{5}$ d) $\frac{1}{6}$

(3) 4.4 = .................... tenths

a) 0.44 b) 4.4 c) 44 d) 440

(4) Two tenths , three hundredths .................... 0.23

a) > b) = c) < d) Otherwise

(5) Showing the change in plant height for 7 weeks can be represented graphically by..........................

a) Bars b) Double bars c) Pictograph d) Line plot

(6) The triangle of sides 9 cm , 7 cm , 9 cm is ...................... triangle

a) Isosceles b) Equilateral c) Scalene d) Otherwise

(7) The geometric tools which is used to draw and measure angles is ......

a) Ruler b) Triangle c) Protractor d) Compasses

## [Q2] Complete the following:

(1) One whole has .................. quarters

(2) $\frac{1}{4} = \frac{......}{8}$

(3) The value of digit 7 in the number 9.17 is ..................

(4) The word form of number 3.24 is ..........................................

(5) Data on the height of two types of plants during three consecutive weeks can be represented graphically by..........................

(6) The ..................straight lines didn't have any intersection points

(7) The circle has .................. straight angles

(8) The $\frac{1}{6}$ of circle represents with .......................... angle

## [Q3] Choose the correct answer:

(1) Which is the correct decomposition of $\frac{5}{9}$ using unit fractions?

a) $\frac{1}{9}+\frac{1}{9}+\frac{1}{9}+\frac{2}{9}=\frac{5}{9}$ c) $\frac{1}{9}+\frac{4}{9}=\frac{5}{9}$

b) $\frac{3}{9}+\frac{2}{9}=\frac{5}{9}$ d) $\frac{1}{9}+\frac{1}{9}+\frac{1}{9}+\frac{1}{9}+\frac{1}{9}=\frac{5}{9}$

(2) Which relation is correct?

a) $\frac{3}{7}>\frac{5}{7}$ b) $\frac{6}{7}<\frac{4}{7}$ c) $\frac{1}{7}>\frac{3}{7}$ d) $\frac{1}{7}<\frac{5}{7}$

(3) Five tenths = fifty ...............

a) Tens b) Hundredth c) Thousandths d) Hundred

(4) $3\frac{5}{11}+4+\frac{1}{11}=$ ................

a) $7\frac{6}{11}$ b) $7\frac{6}{22}$ c) $1\frac{6}{11}$ d) $12\frac{6}{11}$

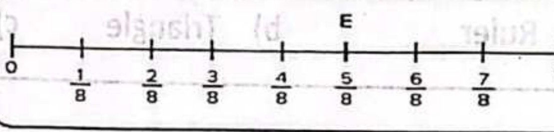
(5) The perimeter of rectangle whose dimensions 7 cm , 4 cm = ........... cm

a) 3 b) 11 c) 28 d) 22

(6) The fraction $\frac{2}{8}$ represents of circle angle = ..............°

a) 90 b) 180 c) 270 d) 360

(7) The number of the unit fractions do we need to represent point E is ...........




a) 1 c) 3

b) 5 d) 8

## [Q4] Answer the following questions:

[A] With Ahmed 21 cakes, $\frac{3}{7}$ covered with chocolate. How many chocolate covered cookies? ..............................................................

[B] Salma went to the market and bought 3.05 kg of bananas and $3\frac{7}{10}$ kg of apples. How many kilograms did Basma buy? ..........................................

[C] Use protractor to draw angle of measure 95°

[D] The following data show the distance in kilometers that some students cover to the school: Create the line plot for the given data

$\frac{3}{5}$ Km , $\frac{2}{5}$ Km, $\frac{2}{5}$ Km , $\frac{5}{5}$ Km, $\frac{4}{5}$ Km , $\frac{2}{5}$ Km, $\frac{5}{5}$ Km , $\frac{4}{5}$ Km, $\frac{1}{5}$ Km

*End of the questions*

# Prim 4 – Model No (11)

## [Q1] Choose the correct answer:

(1) The number of unit fraction which formed $\frac{3}{7}$ equals .......

a) 1 b) 3 c) 4 d) 7

(2) $\frac{1}{7}$ .............. $\frac{4}{7}$

a) > b) = c) < d) Otherwise

(3) The place value of digit 0 in the number 10.52 is ......

a) Ones b) Tenths c) Hundredths d) Hundred

(4) The weight of a person is 90.5 kg equals ........... Tenths Kg

a) 5 b) 90 c) 905 d) 9050

(5) When the data is numbers, use ...... to represents on number line

a) Bars b) Double bars c) Pictograph d) Line plot

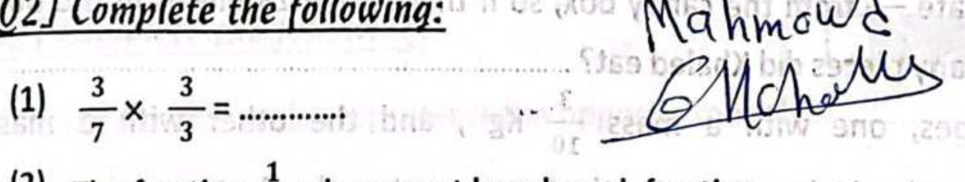
(6) Two straight lines are never intersecting are ..........

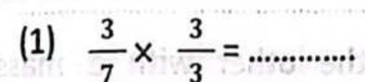
a) Perpendicular b) Parallel c) Intersecting d) Otherwise

(7) The angle of measure 172° is ............ Angle

a) Acute b) Right c) Obtuse d) Straight

## [Q2] Complete the following:



(1) $\frac{3}{7} \times \frac{3}{3}$ = ...........

(2) The fraction $\frac{1}{7}$ is nearest benchmark fraction ..............

(3) One whole = .................... tenths

(4) The mixed number which represents 12.07 is ..............

(5) The number of visitor to Cairo tower during a week represents graph with ..................

(6) The shape ⟵ is called ..................

(7) Rectangular garden with length 7 m , width 4 m, its area = ...... $m^2$

(8) The number of degrees in the circle = ....................... degrees

## [Q3] Choose the correct answer:

(1) .................. Which numerator is more than denominator

a) Proper b) Improper c) Mixed d) Whole No.

(2) The equivalent fraction of $\frac{2}{5}$ is ...............

a) $\frac{1}{5}$ b) $\frac{8}{5}$ c) $\frac{2}{20}$ d) $\frac{8}{20}$

(3) 0.25 = ...............

a) $\frac{1}{4}$ b) $\frac{1}{25}$ c) $\frac{5}{100}$ d) $\frac{25}{10}$

(4) The expand form of 7.15 is ..........

a) $7 + 0.1 + 0.5$ b) $7 + 0.1 + 0.05$

c) $7 + 0.01 + 0.05$ d) $5 + 0.1 + 0.7$

(5) The favorite food of a group of boys and girls can be represented using the graph by ...........

a) Bars b) Double bars c) Pictograph d) Line plot

(6) All angles are right in

a) Square b) Rhombus c) Parallelogram d) Trapezium

(7) The fraction $\frac{3}{12}$ represent of the circle angle of measure .....

a) $90^\circ$ b) $180^\circ$ c) $270^\circ$ d) $360^\circ$

## [Q4] Answer the following questions:

[A] Khaled ate $\frac{1}{7}$ from the candy box, so if there were 28 pieces in the box How many pieces did Khaled eat? ..............................

[B] Two ropes, one with a mass $\frac{3}{10}$ Kg , and the other with a mass $\frac{13}{100}$ Kg. What is the total mass the two ropes together?

..............................

[C] Draw $\overleftrightarrow{XY}$ parallel $\overleftrightarrow{ZL}$

[D] The following table shows the number of circles each of Omar and Amira study during 6 days, represents this data with double bar graph

| Day | Sat | Sun | Mon | Tues | Wed | Thru |
|---|---|---|---|---|---|---|
| Omar | 4 | 5 | 2 | 5 | 5 | 3 |
| Amira | 3 | 4 | 3 | 6 | 4 | 2 |

*End of the questions*

# PRIM 4 – MODEL NO 12

## [Q1] Choose the correct answer:

(1) The unit fraction of the following is ............

a) $\frac{2}{5}$ b) $\frac{1}{9}$ c) $\frac{9}{10}$ d) $\frac{2}{5}$

(2) .................. $< \frac{4}{9}$

a) $\frac{8}{9}$ b) $\frac{1}{9}$ c) $\frac{5}{9}$ d) 1

(3) The value of the digit 7 in the number 0.71 is .............

a) 7 b) 0.7 c) 0.07 d) 70

(4) $\frac{5}{10} + \frac{3}{100} =$ ............

a) $\frac{8}{100}$ b) $\frac{8}{110}$ c) $\frac{53}{100}$ d) $\frac{80}{100}$

(5) Survey data about the number of pets your friend has represents graph with ...........

a) Bars b) Double bars c) Pictograph d) Line plot

(6) All the perpendicular straight lines are .......... lines

a) Parallel b) Separated c) Intersection d) Otherwise

(7) The angle of measure $89^\circ$ is .................. Angle

a) Acute b) Right c) Obtuse d) Straight

## [Q2] Complete the following:



(1) The fraction which represents the opposite model ................

(2) $3\frac{1}{8} =$ .................. As improper fraction

(3) The place value of digit 5 in the number 0.57 is ................

(4) $\frac{......}{10} = \frac{70}{100}$

(5) Questionnaire data on the favorite foods of boys and girls represent graphically with .............

L M →

(6) Start point of the opposite ray is point ........

(7) The measure of right angle = ..............°

(8) If the area of square is 36 $cm^2$, then its Side length = ....... cm

## [03] Choose the correct answer:

(1) The fraction $\frac{17}{6}$ is called ............

a) Proper  b) Improper  c) Mixed  d) Otherwise

(2) Huda made 35 cakes, one of them contains $\frac{3}{5}$ cream. The number of cakes that contain On cream = ....................... cake

a) 15  b) 21  c) 9  d) 25

(3) Number of hundredths of the number 2.37= ......... Parts

a) 37  b) 7  c) 3  d) 237

(4) $1\frac{7}{100}$ =..............

a) 1.7  b) 1.07  c) 0.17  d) 1.17

(5) The graph that shows the repetition of data on the number line is a graph with................

a) Bars  b) Double bars  c) Pictograph  d) Line plot

(6) Any triangle has at least .................. Acute angles

a) 1  b) 2  c) 3  d) 4

(7) The triangle of sides lengths 10 cm , 7 cm , 10 cm is called ....... triangle

a) Equilateral  b) Isosceles  c) Scalene  d) Otherwise

## [04] Answer the following questions:

[A] Ahmed ate a whole orange, Doaa ate $\frac{1}{7}$ orange, and Nahed ate $\frac{4}{7}$ orange. How much What did Ahmed, Doaa and Nahed eat from oranges?

.......................................................................................................

[B] Hussam's mass was 72.6 kg. Express Hussam's mass in decimal number form, then in fraction form.

.......................................................................................................

[C] From the opposite figure: Find:

① Line segment  ② Ray

A B C

.......................................................................................................

[D] The following table shows the number of students participating in school activities, represents this data with bar graph

| Activities | Social | Cultural | Sports | Artistic |
|---|---|---|---|---|
| No. of students | 30 | 20 | 45 | 10 |

*End of the questions*

# Prim 4 – Model No 13

## [Q1] Choose the correct answer:

(1) The number of unit fraction which formed $\frac{3}{5}$ equals .......

a) 1 b) 3 c) 4 d) 5

(2) $\frac{13}{7}$ ............... $\frac{11}{7}$

a) > b) = c) < d) Otherwise

(3) The value of 3 is 0.03 in the number ..........

a) 3 b) 13.1 c) 12.3 d) 6.23

(4) $\frac{8}{10} + \frac{25}{100}$ = ............

a) $\frac{33}{100}$ b) $5\frac{1}{10}$ c) $\frac{150}{100}$ d) $1\frac{5}{100}$

(5) A bar graph is used to display .................... data on a graph

a) 1 group b) 2 group c) 3 group d) 4 group

(6) The two ................. straight lines make 4 right angles

a) Perpendicular b) Parallel c) Intersection d) Otherwise

(7) Which of the following is acute angle?

a) $110^o$ b) $35^o$ c) $90^o$ d) $180^o$

## [Q2] Complete the following:

(1) $5 - \frac{3}{9}$ = ...............

(2) $\frac{11}{3}$ = .............. as mixed number

(3) The standard form of the number seventy hundredths is ......................

(4) $\frac{......}{100}$ = 4 tenths , 4 hundredths

(5) The data of the population of two governorates in five different years represents with graph by ...................

(6) If the line segment extends from two sides, we get ..............

(7) The measure of right angle = ................. $^o$

(8) $\frac{5}{12}$ of the circle = ............... $^o$

## [Q3] Choose the correct answer:

(1) The proper fraction of the following is .........

a) $\frac{11}{3}$ b) $\frac{7}{8}$ c) $3\frac{5}{7}$ d) $\frac{8}{5}$

(2) $\frac{12}{18} = \frac{.......}{3}$

a) 3 b) 6 c) 4 d) 2

(3) $\frac{3}{100}$ = .............

a) 0.3 b) 3.0 c) 0.03 d) 0.33

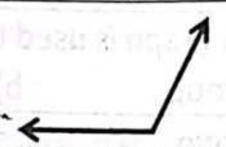
(4) The value of 9 in the number 5.97 is ................

a) 9.0 b) 0.9 c) 0.09 d) 90

(5) Questionnaire for the period of time spent by 25 pupils to perform the homework to the nearest circle is a representation graphically by ......

a) Bars b) Double bars c) Pictograph d) Line plot

(6) The type of the opposite angle ......................



a) Acute b) Obtuse c) Right d) Straight

(7) If the measure of greatest angle in triangle is 100°, then the triangle is...

a) Acute b) Obtuse c) Right d) Otherwise

## [Q4] Answer the following questions:

[A] Samira cut a cake into 9 equal parts, and ate one of them. What parts are left of the cake? ..........................................................................................

[B] Hana drank $1\frac{63}{100}$ cup of juice. Express this quantity in decimal form. What is the number hundredths?

..........................................................................................

[C] Draw line segment $\overline{AB}$ intersect the ray $\overrightarrow{XY}$

..........................................................................................

[D] The following table shows the number of daily study hours for some students, represents this data with bar graph

| Student name | Ahmed | Omar | Dalia | Khaled | Nader |
|---|---|---|---|---|---|
| No. of Hours | $3\frac{1}{4}$ | $2\frac{1}{4}$ | $1\frac{1}{2}$ | 2 | $3\frac{1}{4}$ |

*End of the questions*

# PRIM 4 – MODEL NO 14

## [Q1] Choose the correct answer:

(1) The expression which equivalent to $\frac{3}{3}$ is ............

a) $\frac{1}{3}+\frac{1}{3}+\frac{1}{3}$ b) $\frac{1}{3}+\frac{4}{3}$

c) $\frac{1}{3}+\frac{2}{3}+\frac{3}{3}$ d) $\frac{1}{4}+\frac{1}{4}+\frac{1}{4}$

(2) $\frac{3}{6}$ .......... $\frac{1}{2}$

a) > b) < c) = d) Otherwise

(3) The value of 7 is 0.07 in the number ..........

a) 70.28 b) 7.15 c) 21.7 d) 12.47

(4) $\frac{1}{10}+$ ............ $=\frac{15}{100}$

a) $\frac{5}{100}$ b) $\frac{14}{10}$ c) $\frac{14}{90}$ d) $\frac{50}{100}$

(5) A double bar graph is used to display .................... data on a graph

a) 1 group b) 2 group c) 3 group d) 4 group

(6) Number of intersection points of two perpendicular lines = ......

a) One b) 2 points c) 3 points d) 4 points

(7) The circle has ................. degrees

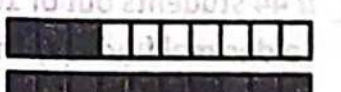
a) 260 b) 360 c) 180 d) 90

## [Q2] Complete the following:

(1) The number of unit fraction which formed $\frac{5}{9}$ equals .......

(2) $7\frac{3}{5}=$ .................... as improper fraction

(3) The decimal number which represents the opposite model



(4) $1.3=\frac{.........}{10}$

(5) Data about the favorite animals of the students in the class represents graphically with ..........

(6) Number of axis of symmetry of rhombus = ..............

(7) The angle of measure $74^{o}$ is called ...................... angle

(8) $\frac{1}{3}$ of the circle = ............... $^{o}$

## [Q3] Choose the correct answer:

(1) The improper fraction of the following is ........

a) $\frac{17}{9}$ b) $\frac{7}{9}$ c) $3\frac{5}{7}$ d) $\frac{2}{3}$

(2) $7 - 5\frac{1}{6} =$ ...............

a) $\frac{7}{6}$ b) 2 c) $\frac{4}{6}$ d) $\frac{11}{6}$

(3) The equivalent fraction of the number 0.7 is ..............

a) $\frac{70}{10}$ b) $\frac{7}{100}$ c) $\frac{7}{10}$ d) $\frac{700}{100}$

(4) The expand form of 9.04 is ..........

a) $9 + 0.4$ b) $9 + 40$ c) $9 + 0.2$ d) $9 + 0.04$

(5) One of the following topics can be represented using the line plot representation is ............................

a) The favorite club of two groups
b) The number of devices in two stores
c) The number of family members for class pupils
d) The favorite type of ice cream for pupils of two classes

(6) All angles in the equilateral triangle are ..............

a) Acute b) Right c) Obtuse d) Otherwise

(7) The vertex of $\angle LMN$ is ..............

a) $\overrightarrow{ML}$ b) L c) M d) N

## [Q4] Answer the following questions:

[A] Hani drank $2\frac{3}{7}$ liter of water, and Samir drank $3\frac{2}{7}$ liter of water. What are the total liters that Hani and Samir drank? ..............................................

[B] If 44 students out of 100 students prefer football. Express it in the form of a decimal fraction, and in the form of a regular fraction.

..............................................................................................................................

[C] Draw the straight line $\overleftrightarrow{AB}$ intersecting ray $\overrightarrow{XY}$ and forming 4 square angles

[D] The following table shows the number of products sold in each of the shop (A) and shop (B) during a week represents this data with double bar graph

| Day | Mango | Chocolate | Vanilla | Lemon |
|---|---|---|---|---|
| Shop (A) | 90 | 75 | 35 | 30 |
| Shop (B) | 75 | 70 | 50 | 15 |

*End of the questions*

# PRIM 4 – MODEL NO 15

## [Q1] Choose the correct answer:

(1) The unit fraction of the following fraction is ............

a) $\frac{3}{7}$ b) 1 c) $\frac{3}{8}$ d) $\frac{1}{9}$

(2) The nearest fraction to $\frac{1}{2}$ is ..........

a) $\frac{5}{9}$ b) $\frac{1}{9}$ c) $\frac{9}{9}$ d) $\frac{2}{9}$

(3) The value of 9 is 0.9 in the number ........

a) 8.95 b) 8.59 c) 9.85 d) 90.580

(4) A bottle has $\frac{7}{10}$ liter, another bottle has $\frac{14}{100}$ liter , then total = ....... liters

a) $\frac{21}{110}$ b) $\frac{21}{100}$ c) $\frac{84}{100}$ d) $\frac{21}{10}$

(5) Collecting some data about the class's favorite animal, which can be represented graphically ..............

a) Bars b) Double bars c) Pictograph d) Line plot

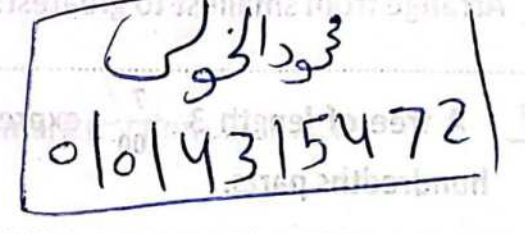
(6) The number intersection points of two perpendicular lines are .......

a) One b) Two c) Three d) Zero

(7) The measure of right angle = ..............°

a) 108 b) 118 c) 180 d) 90

## [Q2] Complete the following:



(1) $9 - 4\frac{3}{7}$ = ...............

(2) $\frac{2}{7} < \frac{2}{\dots\dots}$

(3) The expand form of the fraction 23 hundredths is ...............

(4) $1\frac{50}{100} = 1\frac{\dots\dots}{10}$

(5) Rainfall data in the year 2022 and the year 2023 in different countries are represented graphically with ..................

(6) The opposite figure is called ..........




(7) The angle of measure 179° is called ................ angle

(8) $\frac{1}{3}$ Of the circle = .................. degree

*[Q3] Choose the correct answer:*

(1) The mixed number of the following is ............

a) $7\frac{5}{9}$ b) $\frac{9}{2}$ c) $\frac{18}{24}$ d) $\frac{13}{5}$

(2) The correct mathematical expression is ..........

a) $\frac{9}{25} = \frac{3}{5}$ b) $\frac{4}{5} = \frac{1}{2}$ c) $\frac{6}{10} = \frac{2}{10}$ d) $\frac{8}{10} = \frac{4}{5}$

(3) The place value of the number 7 in the number 3.27 is ....

a) Ones b) Tenths c) Hundredths d) Tens

(4) The standard form of: 7 ones , 2 tenths , 9 hundredths

a) 7.29 b) 72.9 c) 9.72 d) 2.79

(5) All the following can be represented using a double bar graph EXCEPT .....

a) The meals preferred by boys and girls

b) The number of brothers and sisters for the students in the class

c) Comparing the population of two governorates in 5 years

d) Scores of a group of pupils in mathematics and science

(6) The quadrilateral has 4 right angles is ........

a) Parallelogram b) Rhombus c) Rectangle d) Trapezium

(7) The opposite triangle is ............... Triangle

a) Acute b) Right c) Obtuse d) Otherwise

*[Q4] Answer the following questions:*

*[A]* Arrange from smallest to greatest: $\frac{7}{9}$ , $\frac{2}{9}$ , $\frac{5}{9}$ , $\frac{10}{9}$ , $\frac{1}{9}$

..........................................................................................

*[B]* A tree of length $3\frac{7}{100}$ , express the length as decimal number and as hundredths parts.

..........................................................................................

*[C]* A rectangular squash playground with an area of 42 $m^2$, one side of which is 7 meters long. Find the length the other side of the playground.

..........................................................................................

*[D]* The following table shows the distance in kilometers covered by each student in the running competition, represents this data with bar graph

| Student name | Logy | Hana | Ahmed | Nanny | Farah |
|---|---|---|---|---|---|
| No. of Hours | $2\frac{1}{2}$ | $2\frac{1}{4}$ | $1\frac{3}{4}$ | 3 | $3\frac{3}{4}$ |

*End of the questions*

# PRIM 4 – MODEL NO 16

## [Q1] Choose the correct answer:

(1) The greatest unit fraction of the following is ..........

a) $\frac{3}{2}$ b) $\frac{3}{4}$ c) $\frac{3}{3}$ d) $\frac{3}{5}$

(2) $\frac{1}{......} < \frac{1}{7}$

a) 4 b) 3 c) 2 d) 6

(3) The value of the digit 4 is 0.4 in the number ..........

a) 2.84 b) 41.29 c) 96.43 d) 47.32

(4) $\frac{17}{100} + \frac{5}{10} =$ ............

a) $\frac{22}{110}$ b) $\frac{22}{100}$ c) $\frac{67}{100}$ d) $\frac{67}{10}$

(5) The favorite food of a group of boys and girls in the class can be represented graphically by.........

a) Bars b) Double bars c) Pictograph d) Line plot

(6) Two perpendicular lines formed .................. Right angles

a) 3 b) 4 c) 5 d) 6

(7) The fraction $\frac{7}{12}$ represents of the circle angle of measure ............°

a) 360 b) 330 c) 210 d) 70

## [Q2] Complete the following:

(1) The fraction $\frac{6}{9}$ is nearest to benchmark fraction ..............

(2) $\frac{1}{.........} = \frac{7}{21}$

(3) The place value of the number 1 in the number 91.23 is ............

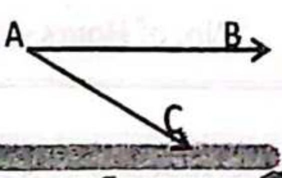
(4) Number of hundredths in the number 7 = ..................... hundredths

(5) Data of degrees of mathematics for the students of the class represents graphically with ...............

(6) ............... is a line has start point and has no end point.

(7) The angle of measure 163° is ....................angle

(8) The name of the opposite angle is ∠ ..................



## [Q3] Choose the correct answer:

(1) All the following represents improper fraction except ...............

a) $\frac{13}{2}$ b) $\frac{29}{7}$ c) $\frac{1}{21}$ d) $\frac{19}{18}$

(2) $5 \times \frac{1}{7} =$ .............

a) $\frac{7}{5}$ b) $\frac{5}{7}$ c) $\frac{1}{35}$ d) $\frac{51}{7}$

(3) The equivalent fraction of the decimal fraction 0.37 is ..........

a) $\frac{370}{100}$ b) $\frac{370}{10}$ c) $\frac{37}{100}$ d) $\frac{37}{10}$

(4) 1.7 = 1 + ...............

a) 17 b) 0.1 c) 0.7 d) 0.17

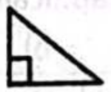
(5) $9 - 7\frac{1}{2} =$ .............

a) $2\frac{1}{2}$ b) $8\frac{1}{2}$ c) $1\frac{1}{2}$ d) $15\frac{1}{2}$

(6) The quadrilateral of equal sides is called ...........

a) Parallelogram b) Rectangle c) Rhombus d) Trapezium

(7) The opposite triangle is .............. Triangle



a) Acute b) Right c) Obtuse d) Otherwise

## [Q4] Answer the following questions:

[A] Ahmad has $3\frac{2}{5}$ kilograms of oranges. If one kilogram of them is spoiled, how much is left for him?

..............................................................................................................

[B] A tree with a length of $3\frac{17}{100}$ meters. Represent the length of the tree in decimal form, then in hundredths parts.

..............................................................................................................

[C] A rectangular swimming pool 12 meters long and 8 meters wide. find its circumference.

..............................................................................................................

[D] The following table shows the distance in kilometers covered by each student in the running competition, represents this data with bar graph

| Student name | Amira | Ahmed | Salma | Khaled | Dalia |
|---|---|---|---|---|---|
| No. of Hours | $1\frac{1}{2}$ | $1\frac{1}{4}$ | $\frac{3}{4}$ | 2 | $1\frac{3}{4}$ |

*End of the questions*

# PRIM 4 – MODEL NO  17

## [Q1] Choose the correct answer:

(1) $1\frac{1}{4}+\frac{3}{4}=$ ……………

a) $2\frac{1}{4}$ b) 2 c) $2\frac{3}{4}$ d) 4

(2) Which of the following mixed numbers is equal to $\frac{6}{5}$?

a) $1\frac{1}{2}$ b) $1\frac{1}{5}$ c) $1\frac{1}{12}$ d) $1\frac{1}{6}$

(3) $\frac{1}{2}=\frac{?}{22}$

a) 10 b) 11 c) 12 d) 20

(4) $\frac{7}{12}$ is closure to benchmark fraction ………………

a) 1 b) $\frac{1}{2}$ c) $\frac{1}{4}$ d) 0

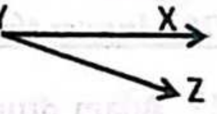
(5) Recording amounts saved by a group of individuals during a month that can be represented graphically by ………………

a) Bars b) Double bars c) Pictograph d) Line plot

(6) The number of axes of symmetry of the square is ……….

a) 0 b) 1 c) 2 d) 4

(7) The vertex of the opposite angle is ………………




a) X b) Y c) Z d) ZYX

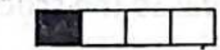
## [Q2] Complete the following:

(1) $\frac{5}{12}+\frac{2}{12}+\frac{6}{12}=$ ………… (in simplest form)

(2) The improper fraction has the numerator ……. than the denominator.

(3) The place value of the digit 7 in the decimal number 17.15 is ……….

(4) The suitable graph representation to compare the maximum and minimum temperature between many governorates during a week is…………

(5) The unit fraction that represents the shaded part is … 

(6) Number of thirds in the whole one is ……………………

(7) The fraction $\frac{3}{4}$ is represents of the circle angle of measure ……….°

(8) The angle of measure 157° is ……………… angle

## [Q3] Choose the correct answer:

(1) The number of unit fraction that forms the proper fraction $\frac{5}{9}$ is.......

a) 1 b) 3 c) 5 d) 8

(2) $7\frac{5}{8} - 6\frac{1}{8} =$ ..................

a) $2\frac{1}{2}$ b) $2\frac{4}{8}$ c) $1\frac{1}{2}$ d) $1\frac{6}{8}$

(3) $2\frac{1}{8}$ is equivalent to:

a) $\frac{4}{8} - \frac{2}{8}$ b) $\frac{4}{8} + \frac{2}{8}$ c) $\frac{17}{8}$ d) $\frac{11}{8}$

(4) The quadrilateral which has only one pair of parallel sides is ...........

a) Parallelogram b) R..tangle c) Rhombus d) Trapezium

(5) $\frac{36}{7} =$ .......... ( As a mixed number)

a) $5\frac{1}{7}$ b) $4\frac{6}{7}$ c) $4\frac{1}{7}$ d) $3\frac{6}{7}$

(6) The standard form for the number: 8 ones, 5 tenths and 7 hundredths is

a) 87.5 b) 8.57 c) 8.75 d) 7.58

(7) The opposite triangle is ............... Triangle

a) Acute b) Right c) Obtuse d) Otherwise

## [Q4] Answer the following questions:

[A] Adam drunk 0.7 liter of juice. Omar drunk $\frac{9}{10}$ liter of juice. Who drank more?......................................................................................................

[B] How many small pieces of wood of length 0.1 meter can be cut from another big piece of length 0.6 meter?

..........................................................................................................................

[C] Hossam walked $\frac{7}{10}$ kilometer then he walked $\frac{41}{100}$ kilometer else. How long did Hosam walk to the home?

..........................................................................................................................

[D] The following data show the distance in kilometers that some students cover to the school:

$\frac{3}{5}$ Km , $\frac{2}{5}$ Km, $\frac{2}{5}$ Km , $\frac{5}{5}$ Km, $\frac{4}{5}$ Km , $\frac{2}{5}$ Km, $\frac{5}{5}$ Km , $\frac{4}{5}$ Km, $\frac{1}{5}$ Km

(a) Create the line plot for the given data.

(b) What's the distance that most of the students cover to the school?

*End of the questions*

# PRIM 4 – MODEL NO (18)

## [Q1] Choose the correct answer:

(1) Number of unit fraction which formed the fraction four sixths is .......

a) 1 b) 2 c) 4 d) 6

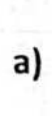
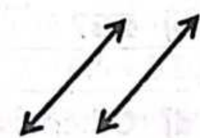
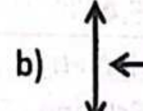
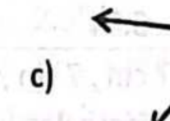
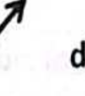
(2) $\frac{1}{7} < \frac{1}{\dots\dots}$

a) 3 b) 5 c) 7 d) 8

(3) $7\frac{1}{2}$ =............... ( As an improper fraction)

a) $\frac{71}{2}$ b) $\frac{17}{2}$ c) $\frac{15}{2}$ d) $\frac{9}{4}$

(4) Which of the following are two parallel lines:


a)  b)  c)   d) 

(5) Which of the following can be represented graphically by bar graph?

a) favorite food

b) The population of two governorates in 5 years

c) The number of jumps during a certain period of time

d) The favorite animal for boys and girls

(6) The value of the digit 9 in the number 3.94 is ......

a) 9 b) 0.9 c) 0.09 d) 90

(7) 4 ones, 9 hundredths = ......

a) 49 b) 4.9 c) 4.09 d) 0.49

## [Q2] Complete the following:

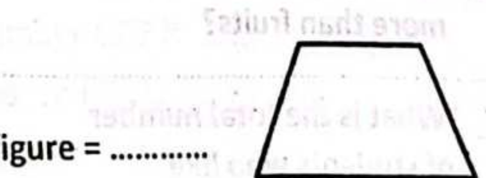
(1) $\frac{5}{11} + \frac{3}{11} + \frac{9}{11}$ = .......

(2) The word form for the number 7.15 is...............

(3) $3 - \frac{3}{5}$ = .......

(4) $\frac{69}{100} + \frac{2}{10}$ = ........ ( in a decimal form)

(5) Number of axes of symmetry of the figure = ...........



(6) 9 tenths = .................. hundredths

(7) The fraction $\frac{1}{6}$ represents of circle angle of measure = ..............°

(8) The measure of obtuse angle > ................ °

*[Q3] Choose the correct answer:*

(1) We measure the angle with unit ....................

a) Meter  b) Kilogram  c) Degree  d) Liter

(2) Which relation is correct?

a) $\frac{7}{12} > \frac{7}{9}$  b) $\frac{7}{8} < \frac{7}{10}$  c) $\frac{7}{13} < \frac{7}{11}$  d) $\frac{7}{15} > \frac{7}{9}$

(3) The fraction $\frac{3}{7}$ is called .................. fraction.

a) Proper  b) Improper  c) Equal  d) Mixed

(4) The decimal fraction which equivalent to $\frac{1}{2}$ is ...........

a) 0.25  b) 0.4  c) 0.5  d) 0.1

(5) 5 ones , 3 tenths and 4 hundredths = ...........

a) 534  b) 5.34  c) 5.43  d) 5.37

(6) The triangle of sides 7 cm , 7 cm , 7 cm is called ...........

a) Equilateral  b) Isosceles  c) Scalene  d) Otherwise

(7) 61.57 = 60 + 1 + 0.5 + ...........

a) 7  b) 0.7  c) 0.07  d) 70

*[Q4] Answer the following questions:*

*[A]* Ahmed made a frame for one of the paintings in the shape of a rectangle, the dimensions of which are 9 m , 6 m. Find its perimeter and area.

..............................................................................................

*[B]* Hana's bought a piece of cloth of length $\frac{7}{10}$ meter. And Mona bought another piece of length $\frac{13}{100}$ meter. What is the total length of the two pieces?

..............................................................................................

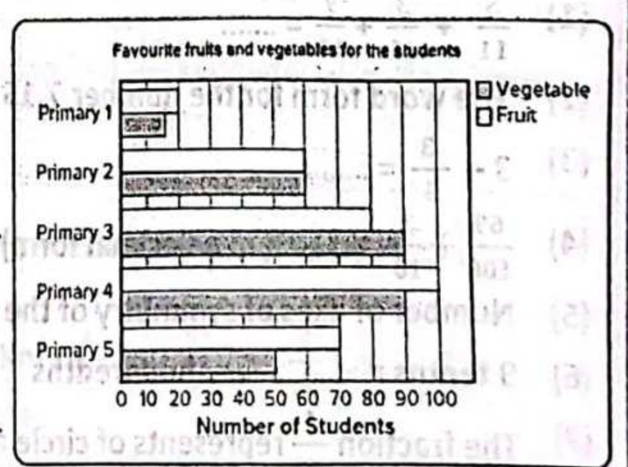
*From the opposite figure:*

*[C]* Which grade likes vegetables more than fruits?

..............................................................................................

*[D]* What is the total number of students who like vegetables and fruits in grade 4?

..............................................................................................




*End of the questions*

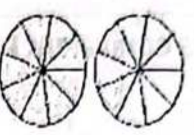
# PRIM 4 – MODEL NO 19

## [Q1] Choose the correct answer:

(1) Which number fits in the blank? $\frac{2}{3} = \frac{18}{\dots}$

a) 6 b) 9 c) 19 d) 27

(2) The fraction which represents the shaded parts in the following model is .......



a) $\frac{13}{9}$ b) $\frac{13}{18}$ c) $\frac{5}{9}$ d) $\frac{4}{9}$

(3) The expanded form for the number 2.35 is ..........

a) 2 + 0.5 + 0.03 b) 3 + 0.5 + 0.02 c) 2 + 0.3 + 0.05 d) 5 + 0.2 + 0.03

(4) Data about the class's favorite meal can be represented graphically ......

a) Bars b) Double bars c) Pictograph d) Line plot

(5) If all sides of a triangle are different lengths, then it is called a... triangle

a) Equilateral b) Isosceles c) Scalene d) Otherwise

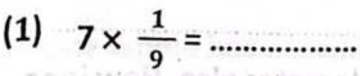
(6) Two rays are formed the ∠ ABC are ..............

a) $\overrightarrow{AB}, \overrightarrow{AC}$ b) $\overrightarrow{BA}, \overrightarrow{BC}$ c) $\overrightarrow{AB}, \overrightarrow{BC}$ d) $\overrightarrow{BA}, \overrightarrow{AC}$

(7) $\frac{1}{10} + \frac{11}{100}$ = .......

a) 0.21 b) 0.12 c) 2.1 d) 1.2

## [Q2] Complete the following:



(1) $7 \times \frac{1}{9}$ = .................

(2) $4\frac{1}{2}$ = ...................... As improper fraction

(3) The expand form of the number 1.28 is ...........

(4) The place value of the digit 4 in the number 4.87 is ...............

(5) Data on the favorite sports of boys and girls in the class represent graphically by ..........................................

(6) A square image has the number of right angles = .................. angles

(7) When the time is 7:05, the hands of the clock make an angle of the type ...................... angle

(8) The measure of angle which represents $\frac{1}{\dots}$ from a circle = 60°



## [03] Choose the correct answer:

(1) Which fraction is not equivalent to $\frac{3}{9}$ ?

a) $\frac{6}{12}$  b) $\frac{5}{15}$  c) $\frac{2}{6}$  d) $\frac{1}{3}$

(2) Which of the following statements is true?

a) $\frac{3}{5} = \frac{9}{25}$  b) $\frac{1}{2} = \frac{5}{15}$  c) $\frac{4}{5} = \frac{8}{10}$  d) $\frac{2}{10} = \frac{6}{10}$

(3) 0.4 is equivalent to ......

a) $\frac{4}{100}$  b) $\frac{1}{4}$  c) $\frac{10}{4}$  d) $\frac{40}{100}$

(4) 71 hundredths equals ..........

a) $\frac{7}{100}$  b) 0.29  c) 0.71  d) $\frac{17}{100}$

(5) To compare between rainfall in the deserts of Africa in the two years 2020 , 2022 we use:

a) Bars  b) Double bars  c) Pictograph  d) Line plot

(6) $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} =$ ............

a) $\frac{4}{16}$  b) $\frac{1}{16}$  c) 1  d) 16

(7) The measure of straight angle = ............ right angles

a) 2  b) 3  c) 4  d) 5

## [04] Answer the following questions:

[A] Ahmed has 15 cakes. If $\frac{3}{5}$ of them are covered with chocolate. How many chocolate cakes are there? ..............................

[B] Hossam walked $\frac{5}{10}$ kilometer then he walked $\frac{21}{100}$ kilometer else. How long did Hosam walk to the home?..............................

[C] How many small pieces of wood of length 0.1 meter can be cut from another big piece of length 0.7 meter?..............................

[D] The following table shows the favorite sport for a number of boys and girls, represents this data with double bar graph

| Day | Football | Tennis | Swimming | Running | volleyball |
|---|---|---|---|---|---|
| Boys | 3 | 4 | 3 | 6 | 4 |
| Girls | 4 | 5 | 2 | 5 | 5 |

*End of the questions*

# Prim 4 – Model No 20

## [Q1] Choose the correct answer:

(1) $\frac{4}{7} + \frac{3}{7} =$ ...........

a) 1 b) $\frac{7}{14}$ c) $\frac{1}{7}$ d) $\frac{1}{14}$

(2) The fraction $\frac{8}{24}$ is equivalent to ...........

a) $\frac{8}{12}$ b) $\frac{1}{3}$ c) $\frac{2}{5}$ d) $\frac{1}{6}$

(3) 5.5 = .................... tenths

a) 0.55 b) 5.5 c) 55 d) 550

(4) Two tenths , three hundredths .................. 0.23

a) > b) = c) < d) Otherwise

(5) Showing the change in plant height for 5 weeks can be represented graphically by..........................

a) Bars b) Double bars c) Pictograph d) Line plot

(6) The triangle of sides 5 cm , 4 cm , 5 cm is .................... triangle

a) Isosceles b) Equilateral c) Scalene d) Otherwise

(7) The geometric tools which is used to draw and measure angles is ......

a) Ruler b) Triangle c) Protractor d) Compasses

## [Q2] Complete the following:

(1) One whole has .................. Sixths

(2) $\frac{1}{2} = \frac{\dots}{8}$

(3) The value of digit 1 in the number 9.17 is ..................

(4) The word form of number 1.28 is ....................................

(5) Data on the height of two types of plants during three consecutive weeks can be represented graphically by..........................

(6) The ..................straight lines didn't have any intersection points

(7) The circle has .................. straight angles

(8) The $\frac{1}{4}$ of circle represents with ......................... angle

## [03] Choose the correct answer:

(1) Which is the correct decomposition of $\frac{5}{9}$ using unit fractions?

a) $\frac{1}{9}+\frac{1}{9}+\frac{1}{9}+\frac{2}{9}=\frac{5}{9}$  c) $\frac{1}{9}+\frac{4}{9}=\frac{5}{9}$

b) $\frac{3}{9}+\frac{2}{9}=\frac{5}{9}$  d) $\frac{1}{9}+\frac{1}{9}+\frac{1}{9}+\frac{1}{9}+\frac{1}{9}=\frac{5}{9}$

(2) Which relation is correct?

a) $\frac{3}{7}>\frac{5}{7}$  b) $\frac{6}{7}<\frac{4}{7}$  c) $\frac{1}{7}>\frac{3}{7}$  d) $\frac{1}{7}<\frac{5}{7}$

(3) Five tenths = fifty ..............

a) Tens  b) Hundredth  c) Thousandths  d) Hundred

(4) $4\frac{7}{11}+2+\frac{1}{11}=$ ................

a) $6\frac{8}{11}$  b) $6\frac{8}{22}$  c) $2\frac{6}{11}$  d) $7\frac{8}{11}$

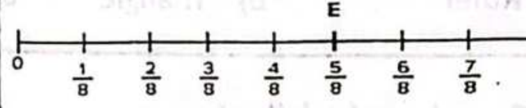
(5) The perimeter of rectangle whose dimensions 7 cm , 4 cm = ........... cm

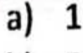
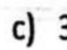
a) 3  b) 11  c) 28  d) 22

(6) The fraction $\frac{3}{12}$ represents of circle angle = ..............°

a) 90  b) 180  c) 270  d) 360

(7) The number of the unit fractions do we need to represent point E is ..........




a) 1  c) 3



b) 5  d) 8

## [04] Answer the following questions:

[A] With Hussein 15 cakes, $\frac{3}{5}$ covered with chocolate. How many chocolate covered cookies? ..............................................................

[B] Basma went to the market and bought 2.05 kg of bananas and $3\frac{7}{10}$ kg of apples. How many kilograms did Basma buy? ..............................................

[C] Use protractor to draw angle of measure 95°

[D] The following data show the distance in kilometers that some students cover to the school: Create the line plot for the given data

$\frac{3}{5}$ Km , $\frac{2}{5}$ Km, $\frac{2}{5}$ Km , $\frac{5}{5}$ Km, $\frac{4}{5}$ Km , $\frac{2}{5}$ Km, $\frac{5}{5}$ Km , $\frac{4}{5}$ Km, $\frac{1}{5}$ Km

*End of the questions*